Ohio Labor Market Information

Labor Market Review

November 1986

Summary. According to the latest household survey, the seasonally adjusted unemployment rate in Ohio fell to 7.2 percent in November, the lowest it has been since March 1980. The national rate, at 7.0 percent, was unchanged from October. Ohio's civilian labor force rose 1.2 percent, to 5,266,000. Total employment increased by 84,000 workers, to 4,887,000. There were 22,000 fewer jobless Ohioans in November, lowering the number of unemployed to 379,000. Nonagricultural wage and salary employment (seasonally adjusted) in Ohio rose 23,000 from October, to 4,559,000 in November, according to the latest employer survey. Significant gains occurred in both the manufacturing and nonmanufacturing sectors. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio totaled 1,096,000 in November, up 10,000 from October. Much of the gain was due to settlement of labor-management disputes in nonelectrical machinery, primary metals, and stone, clay, and glass products.

Nonmanufacturing. Nonmanufacturing employment increased 13,000 from October, to 3,463,000 in November. All major divisions had greater employment, except mining, which was unchanged. Employment in services was up 6,000.

Over the Year. Ohio's civilian labor force rose by 85,000 from November 1985 to November 1986. Total employment advanced 164,000, while the number of unemployed workers fell 79,000. The unemployment rate dropped from 8.6 percent to 7.2 percent during the period. The U.S. rate remained constant, at 7.0 percent. Nonfarm employment in Ohio was up 129,000 from November 1985. Gains in services and retail trade accounted for nearly nine-tenths of the increase. Declines in durable goods lowered manufacturing employment 23,000.

Factory Hours and Earnings. Production workers in manufacturing industries earned an average of $495.86 per week in November, up $12.33 from October. Their average workweek of 42.6 hours was up .7 hours. Nearly all industries had higher earnings. The most significant were motor vehicles and equipment, metal forgings and stampings, and aircraft and parts.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law numbered 67,691 in November, up 5.7 percent from October, but down 14.3 percent from November 1985. Total benefits paid, at $45.0 million, declined 15.3 percent over the month. The average weekly benefit check fell $2.11, to $150.35, while the average weekly number of benefit recipients increased 6,532, to 77,319. At the end of November, there were 193,478 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services helped 37,778 new job applicants in November, down 20.3 percent from October. There were 8,392 job openings received from employers, down 40.4 percent from last month. The Employment Services Division made 18,938 job referrals and 5,775 placements.

BANK ON OBES

Are you having difficulty locating the workers you need? You might be able to solve this problem by putting your job openings in the National Job Bank System through the Ohio Bureau of Employment Services (OBES).

A few facts about the National Job Bank System:

- It is part of the largest computerized network of job openings in the United States.
- It operates on three levels to fill your need for workers: locally, statewide and interstate-wide.
- It can provide national exposure of your job order without cost to you.

For further information, contact your nearest OBES office.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[1]

	Estimates (in thousands)			Change[2] (in thousands)		Percent Change[3]	
	Nov. 1986	Oct.[r] 1986	Nov.[p] 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data							
Civilian Labor Force	5,766	5,766	5,761	0	5	0.0	0.1
Employment	5,487	5,488	5,458	-1	29	0.0	0.5
Unemployment	279	278	303	1	-24	0.4	-7.9
Unemployment Rate	4.8	4.8	5.3				
Employer Survey Data							
Total	4,560	4,536	4,490	24	70	0.5	1.6
Manufacturing	1,096	1,083	1,101	13	-5	1.2	-0.5
Durable Goods	745	734	767	11	-22	1.5	-2.9
Nondurable Goods	351	349	334	2	17	0.6	5.1
Nonmanufacturing	3,463	3,453	3,389	10	74	0.3	2.2
Mining	24	24	30	0	-6	0.0	-20.0
Construction	167	165	139	2	28	1.2	20.1
Transportation and Public Utilities	203	206	203	-3	0	-1.5	0.0
Wholesale Trade	237	236	230	1	7	0.4	3.0
Retail Trade	852	851	868	1	-16	0.1	-1.8
Finance, Insurance and Real Estate	233	232	222	1	11	0.4	5.0
Services	1,044	1,038	975	6	69	0.6	7.1
Government	680	679	672	1	8	0.1	1.2
Goods Producing Industries[4]	1,286	1,275	1,304	12	-18	0.9	-1.4
Service Producing Industries[5]	3,272	3,261	3,177	11	106	0.3	3.3

[r]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [2]Changes are computed from unrounded numbers. [3]Percentages are computed from rounded numbers. [4]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [5]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [6]Includes Mining, Construction, and Manufacturing. [7]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates*

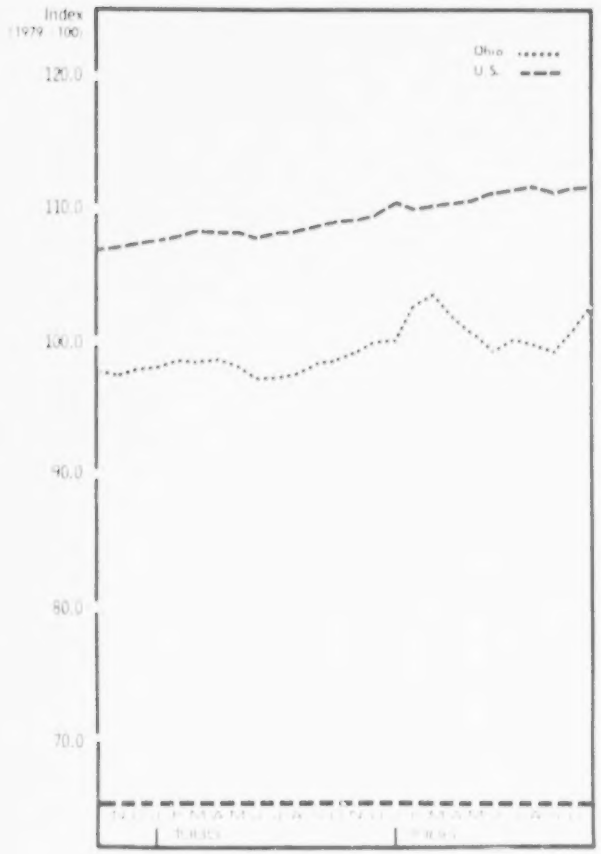
Ohio Civilian Labor Force Estimates

Ohio Nonagricultural Wage & Salary Employment

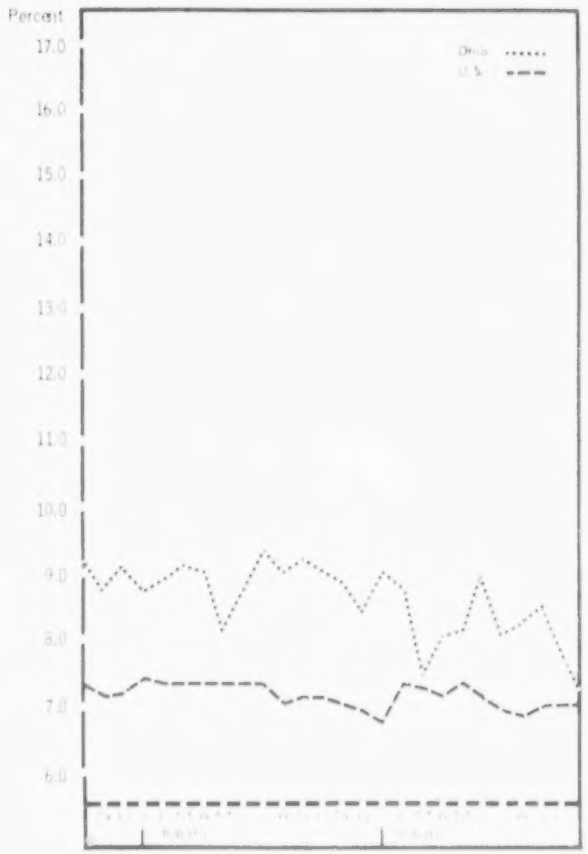
Ohio Nonmanufacturing Wage & Salary Employment

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

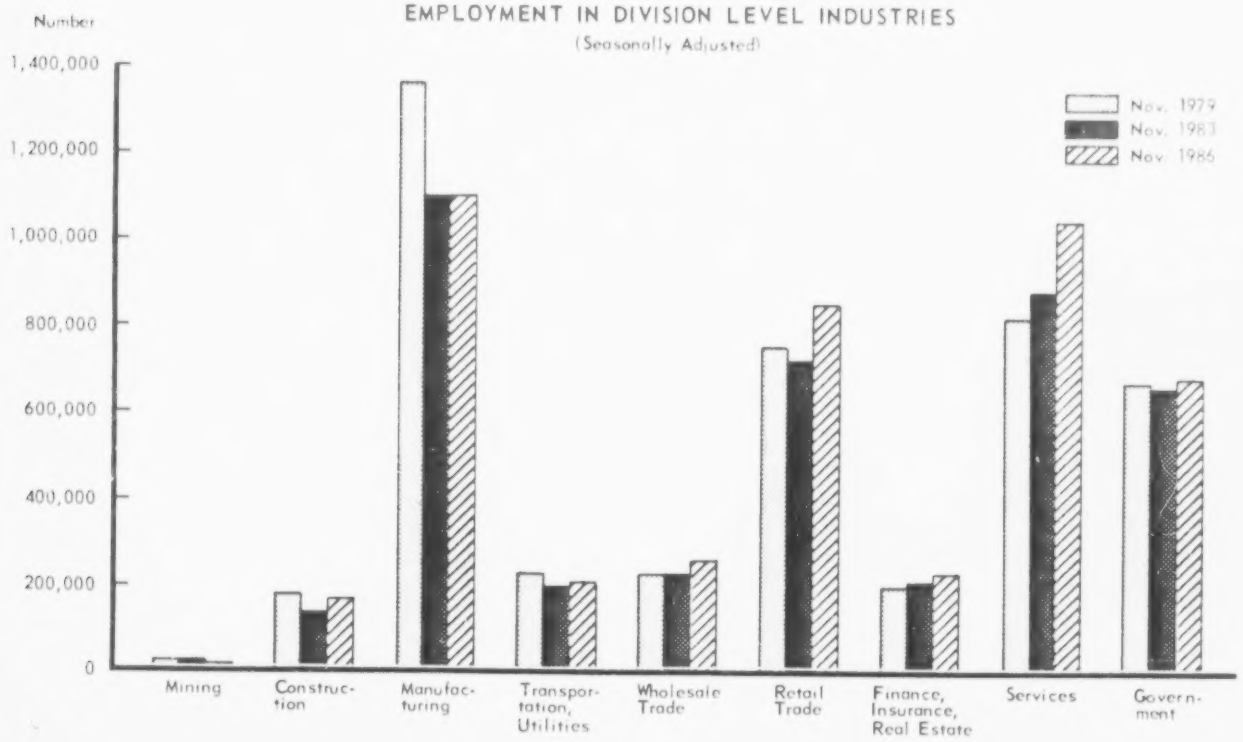
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

(In thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employment	Unemployment	OH	US	
4,321	4,294	429	9.1	8.3	1975
4,481	4,380	370	7.8	7.3	1976
4,833	4,520	312	6.5	6.1	1977
4,959	4,690	268	5.4	5.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,130	4,675	455	8.9	7.2	1985
					1985
5,190	4,734	466	9.0	6.7	November
5,256	4,721	436	8.5	6.7	December
					1986
5,121	4,647	474	9.3	7.3	January
5,212	4,740	472	9.1	7.8	February
5,226	4,812	414	7.9	7.5	March
5,217	4,804	413	7.9	7.0	April
5,180	4,791	389	7.5	7.0	May
5,259	4,802	457	8.7	7.1	June
5,287	4,875	412	7.8	7.0	July
5,255	4,832	427	8.0	6.7	August
5,184	4,750	434	8.4	6.8	September
5,259	4,851	408	7.8	6.6	October
5,279	4,891	388	7.3	6.6	November

Ohio Nonagricultural Wage & Salary Employment

(In thousands)

Total	Manufacturing		Nonmanufacturing		
	Durable Goods	Nondurable Goods	Durable Goods	Nondurable Goods	
4,018.2	1,267.8	692.4	[illegible]	[illegible]	1975
4,094.5	1,295.1	711.6	[illegible]	[illegible]	1976
4,230.1	1,344.1	745.2	[illegible]	[illegible]	1977
4,396.9	1,423.2	775.5	[illegible]	[illegible]	1978
4,484.8	1,482.1	[illegible]	[illegible]	[illegible]	1979
4,367.6	1,264.3	682.8	[illegible]	[illegible]	1980
4,317.7	1,232.6	661.4	[illegible]	[illegible]	1981
4,124.3	1,094.6	630.4	[illegible]	[illegible]	1982
4,092.2	1,066.0	623.1	[illegible]	[illegible]	1983
4,240.2	1,157.0	674.4	[illegible]	[illegible]	1984
4,378.6	1,123.1	684.6	[illegible]	[illegible]	1985
					1985
4,271.1	1,121.1	668.1	[illegible]	[illegible]	November
4,483.7	1,123.6	665.8	[illegible]	[illegible]	December
					1986
4,391.4	1,119.1	666.3	[illegible]	[illegible]	January
4,387.1	1,114.2	661.6	[illegible]	[illegible]	February
4,418.3	1,121.9	669.2	[illegible]	[illegible]	March
4,482.6	1,120.8	669.0	[illegible]	[illegible]	April
4,533.2	1,105.7	683.8	[illegible]	[illegible]	May
4,549.1	1,109.3	684.1	[illegible]	[illegible]	June
4,515.6	2,096.8	684.5	[illegible]	[illegible]	July
4,526.0	1,098.3	684.4	[illegible]	[illegible]	August
4,573.1	1,100.3	683.9	[illegible]	[illegible]	September
4,584.4	1,089.2	687.4	[illegible]	[illegible]	October
4,603.9	1,087.9	686.0	[illegible]	[illegible]	November

Ohio Nonmanufacturing Wage & Salary Employment

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	
2,745.7	26.8	154.9	213.2	203.3	1975
2,749.4	28.2	154.2	213.7	205.4	1976
2,886.0	29.1	162.8	219.1	214.6	1977
3,017.7	29.0	176.6	225.0	226.0	1978
3,102.5	31.6	182.9	232.1	232.8	1979
3,103.0	30.7	167.4	223.1	230.6	1980
3,085.1	30.7	153.7	217.2	232.5	1981
3,024.4	30.3	134.6	206.8	226.0	1982
3,026.5	26.6	130.8	198.5	222.5	1983
3,133.1	27.8	144.8	203.9	236.7	1984
3,255.5	26.4	154.1	202.5	246.5	1985
					1985
3,350.0	26.6	166.6	204.3	250.9	November
3,360.1	26.2	155.7	204.4	251.2	December
					1986
3,274.0	25.9	134.9	199.3	249.5	January
3,272.9	25.4	129.8	199.4	249.4	February
3,306.7	24.9	135.7	200.4	251.2	March
3,370.8	25.0	150.9	202.6	253.1	April
3,427.5	25.1	162.5	203.9	254.5	May
3,439.8	25.0	170.8	200.3	255.8	June
3,418.8	25.1	178.2	204.4	255.9	July
3,427.5	24.8	182.0	206.2	256.6	August
3,469.8	24.5	181.9	207.1	256.3	September
3,495.2	24.4	183.2	207.7	256.9	October
3,506.0	24.5	177.3	207.8	257.4	November

Retail Trade	Finance, Insurance & Real Estate	Services	Government	
664.3	173.1	486.1	632.4	1975
682.4	177.0	503.2	662.3	1976
703.2	183.4	531.4	664.3	1977
730.4	191.1	572.1	669.3	1978
742.4	200.6	606.2	674.3	1979
726.6	207.8	630.9	681.3	1980
717.7	205.8	642.6	679.3	1981
703.4	206.4	657.3	680.3	1982
711.0	207.8	673.3	680.3	1983
748.0	211.5	705.2	693.2	1984
789.8	218.3	733.3	696.2	1985
				1985
821.9	221.2	976.6	685.1	November
838.7	221.6	976.5	684.3	December
				1986
802.2	221.3	965.2	673.3	January
790.3	222.0	972.0	684.1	February
801.1	223.0	982.1	688.1	March
821.4	225.1	1,005.4	685.3	April
836.8	227.4	1,024.9	692.4	May
843.2	229.9	1,037.9	677.3	June
843.8	232.5	1,038.1	660.3	July
850.1	232.8	1,039.8	670.3	August
853.1	231.7	1,047.0	667.2	September
857.7	231.7	1,044.4	689.3	October
868.6	232.3	1,043.0	693.3	November

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

(in thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thousands)	Average Weekly Hours	Average Weekly Earnings
1,267.5	892.4	375.1	1975	897.8	$201.9	
1,295.3	910.6	384.6	1976	926.1	220.9	
1,344.1	945.2	398.9	1977	958.0	241.0	
1,377.2	974.5	402.7	1978	985.9	262.8	
1,382.3	980.5	401.8	1979	979.0	278.3	
1,264.3	882.6	381.8	1980	867.8	301.0	
1,232.6	860.4	372.2	1981	842.7	310.4	
1,099.9	752.4	347.5	1982	735.7	297.3	
1,066.0	723.6	342.4	1983	721.6	311.4	
1,121.0	773.4	353.6	1984	781.5	341.0	
1,123.1	769.1	354.0	1985	771.4	344.0	
			1985			
1,123.1	768.2	354.9	November	772.9	346.5	
1,123.6	769.5	354.1	December	773.5	347.2	
			1986			
1,119.3	766.7	352.7	January	769.1	339.0	
1,114.2	761.2	353.0	February	764.1	339.4	
1,111.9	759.1	352.7	March	762.5	339.1	
1,110.8	759.6	351.2	April	761.3	340.2	
1,105.7	753.8	351.9	May	757.0	341.5	
1,109.3	756.1	353.2	June	758.9	341.[illegible]	
1,096.8	746.5	350.3	July	748.8	334.8	
1,098.5	744.4	354.1	August	747.8	340.[illegible]	
1,100.3	743.9	356.4	September	750.7	341.8	
1,089.2	737.4	351.9	October	740.7	339.[illegible]	
1,097.9	746.0	351.9	November	750.2	342.8	

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings		
	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
[illegible]	$228.90	$211.85	1975	40.3	40.3	40.2	1975	$5.[illegible]	[illegible]	[illegible]
[illegible]	238.73	239.00	1976	41.2	41.4	41.3	1976	6.10	[illegible]	[illegible]
[illegible]	292.02	258.34	1977	42.0	42.2	41.8	1977	6.74	[illegible]	[illegible]
[illegible]	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	[illegible]	[illegible]
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	[illegible]
347.96	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	[illegible]
382.28	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	[illegible]	[illegible]
[illegible]	414.80	378.95	1982	40.1	40.0	40.4	1982	10.03	[illegible]	[illegible]
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	[illegible]
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	[illegible]
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	[illegible]
			1985				1985			
487.18	508.22	434.93	November	42.4	42.6	41.7	November	11.50	11.93	[illegible]
500.52	526.44	439.10	December	43.0	43.4	42.1	December	11.64	12.13	[illegible]
			1986				1986			
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	[illegible]
488.68	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	[illegible]
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	[illegible]
481.54	504.71	426.59	April	41.8	42.2	40.9	April	11.52	11.96	[illegible]
480.28	499.80	434.89	May	41.8	42.0	41.3	May	11.49	11.90	[illegible]
481.85	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	[illegible]
475.69	491.00	438.19	July	41.4	41.4	41.3	July	11.49	11.86	[illegible]
481.47	500.99	439.30	August	41.9	42.1	41.6	August	11.48	11.90	[illegible]
487.10	507.03	443.72	September	42.3	42.5	41.9	September	11.52	11.93	[illegible]
483.53	502.25	444.52	October	41.9	42.1	41.7	October	11.54	11.93	[illegible]
495.86	517.37	448.37	November	42.6	42.9	42.1	November	11.64	12.06	[illegible]

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(in thousands)

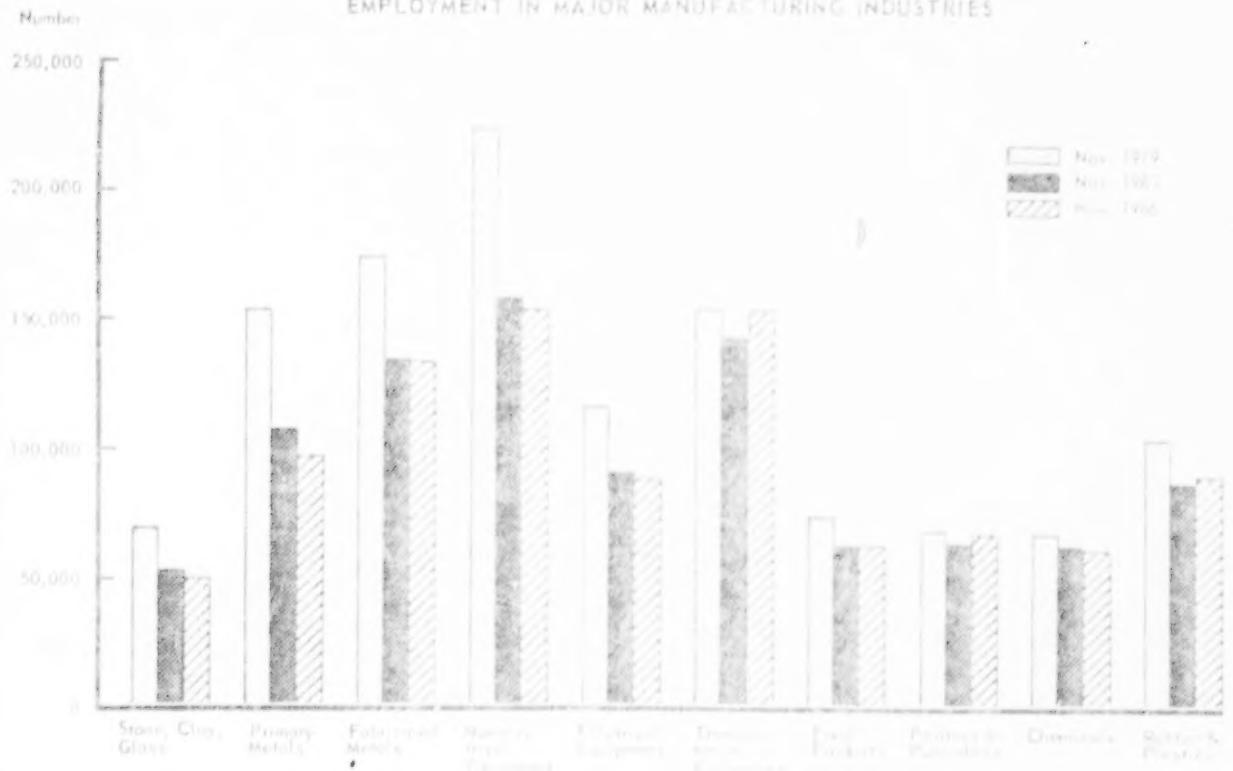
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	68.8	96.[illegible]
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	69.3	98.[illegible]
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	69.4	101.[illegible]
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	69.6	103.[illegible]
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	104.[illegible]
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	98.[illegible]
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	97.[illegible]
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	91.[illegible]
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	87.[illegible]
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	63.1	90.[illegible]
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	93.[illegible]
			1985				1985			
51.0	101.3	138.6	November	162.9	88.1	157.2	November	62.9	67.5	93.[illegible]
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	92.[illegible]
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.[illegible]
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	90.[illegible]
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	90.[illegible]
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	90.[illegible]
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.3	90.[illegible]
50.5	100.3	135.9	June	158.2	87.7	152.8	June	63.5	67.3	90.[illegible]
50.3	96.9	133.6	July	156.8	87.1	152.3	July	63.8	67.3	90.[illegible]
50.6	94.8	133.7	August	156.1	88.4	150.0	August	67.1	67.3	90.[illegible]
50.4	92.9	135.3	September	156.0	88.1	150.1	September	67.5	67.6	90.[illegible]
48.5	93.8	134.1	October	150.5	88.1	151.4	October	63.9	67.5	91.[illegible]
49.6	96.6	134.4	November	154.0	88.1	152.9	November	63.1	67.8	90.[illegible]

Average Weekly Earnings of Production Workers

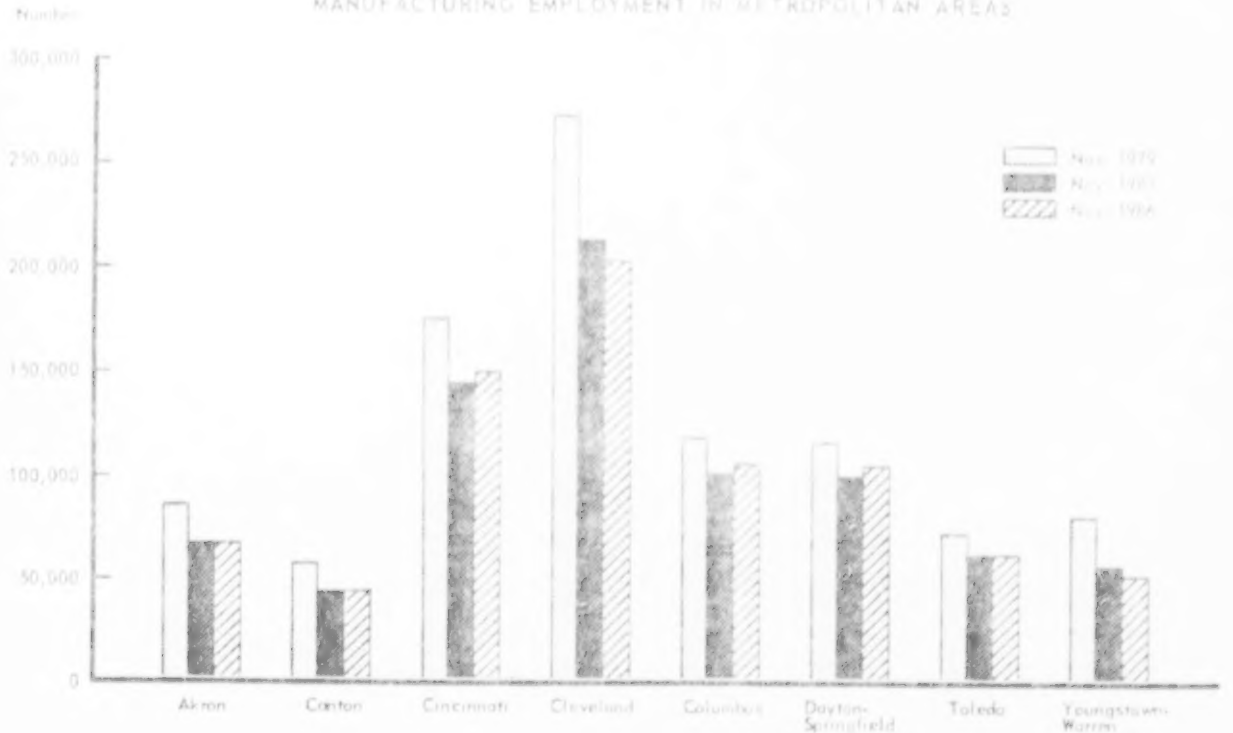
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.39	$211.[illegible]
232.40	294.58	256.68	1976	253.37	221.54	302.87	1976	242.92	247.20	231.[illegible]
253.93	329.54	290.44	1977	279.18	248.44	339.20	1977	258.54	271.96	251.[illegible]
276.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	288.18	282.[illegible]
291.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.17	309.[illegible]
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	329.79	331.[illegible]
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.25	347.[illegible]	361.[illegible]
376.86	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	378.[illegible]	388.[illegible]
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	379.60	412.[illegible]
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.39	423.[illegible]
434.39	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	399.14	440.[illegible]
			1985				1985			
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.33	411.08	437.[illegible]
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.31	443.[illegible]
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	444.[illegible]
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	439.[illegible]
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.[illegible]
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.[illegible]
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.[illegible]
443.36	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.[illegible]
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.[illegible]
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.[illegible]
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.[illegible]
447.44	563.50	488.36	October	482.58	456.77	610.76	October	426.72	418.95	443.[illegible]
438.70	581.52	502.04	November	492.33	471.75	645.47	November	422.18	429.74	448.[illegible]

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

Ohio

	Employment (in thousands)			Change[c] (in thousands)	
	Preliminary (Dec.)[b]	Revised (Nov.)	Preliminary (Dec.)[b]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lumber and wood products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Furniture and fixtures	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nonferrous rolling and drawing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cutlery, hand tools, and hardware	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Construction and related machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Office and computing machines	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Refrigeration and service machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Household appliances	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aircraft and parts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Meat products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dairy products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Preserved fruits and vegetables	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bakery products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. converted paper products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paperboard containers and boxes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Newspapers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Commercial printing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Industrial inorganic chemicals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tires and inner tubes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

See footnotes on page 13

Nonagricultural Wage & Salary Employment[1]

	Employment			Change[2]	
NONMANUFACTURING					
MINING					
Bituminous coal and lignite mining					
Oil and gas extraction					
CONSTRUCTION					
General building contractors					
Heavy construction, except building					
Highway and street construction					
Special trade contractors					
TRANSPORTATION AND PUBLIC UTILITIES					
Railroad transportation					
Transportation, except railroads					
Trucking and warehousing					
Communication, electric, gas services					
Communication					
Electric, gas, and sanitary services					
WHOLESALE TRADE					
Anc.llary trade, durable goods					
Motor vehicles & automotive equipment					
Electrical goods					
Machinery, equipment, and supplies					
Ancillary trade, nondurable goods					
Groceries and related products					
RETAIL TRADE[3]					
General merchandise stores					
Department stores					
Food stores					
Automotive dealers & service stations					
Apparel and accessory stores					
Eating and drinking places					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
Credit agencies other than banks					
Insurance carriers					
Life insurance					
Fire, marine, and casualty insurance					
SERVICES					
Hotels and other lodging places					
Personal services					
Laundry, cleaning, & garment services					
Business services					
Services to buildings					
Computer and data processing services					
Amusement and recreation services					
Health services					
Nursing and personal care facilities					
Hospitals					
Educational services					
Colleges and universities					
GOVERNMENT					
Federal government					
State government					
State government education					
State government, except education					
Local government					
Local government education					
Local government, except education					

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lumber and wood products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Furniture and fixtures	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nonferrous rolling and drawing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cutlery, hand tools, and hardware	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Construction and related machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Office and computing machines	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Refrigeration and service machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Household appliances	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aircraft and parts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Meat products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dairy products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Preserved fruits and vegetables	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bakery products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. converted paper products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paperboard containers and boxes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Newspapers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Commercial printing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Industrial inorganic chemicals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tires and inner tubes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

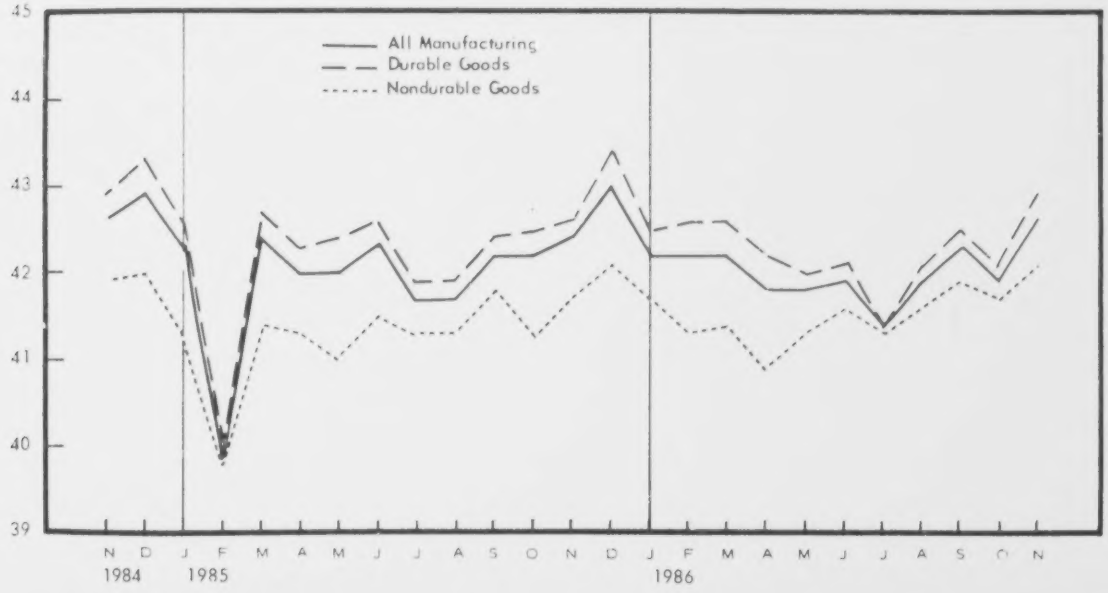
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

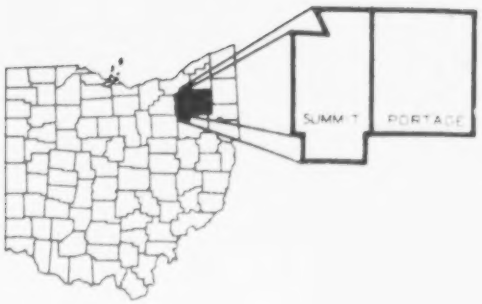
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[p]	October 1986[r]	November 1985[r]	Nov. 1986[p]	Oct. 1986[r]	Nov. 1985[r]	Nov. 1986[p]	Oct. 1986[r]	Nov. 1985[r]
MINING	$534.60	$515.67	$520.65	44.0	43.2	44.6	$12.15	$11.96	$11.70
Bituminous coal and lignite mining	625.95	587.40	615.86	41.1	38.8	41.5	15.23	15.15	14.84
CONSTRUCTION	583.92	588.35	558.75	38.0	38.7	38.3	14.84	14.82	13.61
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	552.48	552.48	535.43	42.2	42.2	41.3	13.41	13.41	12.99
Communication	546.61	546.61	539.38	40.9	40.9	41.3	13.34	13.34	13.06
Electric, gas, and sanitary services	559.84	561.60	534.47	42.5	42.6	41.4	13.48	13.47	12.91
WHOLESALE TRADE	373.58	369.57	356.66	39.7	39.4	38.4	9.41	9.38	9.29
Wholesale trade-durable goods	384.98	384.58	366.21	39.5	39.5	38.9	9.74	9.73	9.41
Wholesale trade-nondurable goods	387.60	376.82	366.13	40.0	38.1	38.6	9.69	9.89	9.48
RETAIL TRADE	157.32	158.44	155.87	28.5	28.6	28.6	5.52	5.54	5.45
General merchandise stores	174.29	179.67	171.69	29.0	29.6	29.1	6.01	6.07	5.90
Department stores	178.02	184.11	176.08	28.9	29.6	29.1	6.16	6.22	6.05
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	250.92	251.79	238.33	....	....	....	.....	.....	.....
Credit agencies other than banks	243.73	244.81	235.19	....	....	....	.....	.....	.....
Insurance carriers	342.14	338.18	309.46	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	321.38	322.01	311.20	33.4	33.7	33.9	9.64	9.67	9.19

[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [b]Based on unrounded figures. [c]Includes miscellaneous manufacturing industries not shown separately, such as manufactures, textile mill products, petroleum and coal products, leather and leather products. [d]Money payments only; does not include the value of subsistence. [e]Includes State universities, State schools for deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f]Depressed due to labor/management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



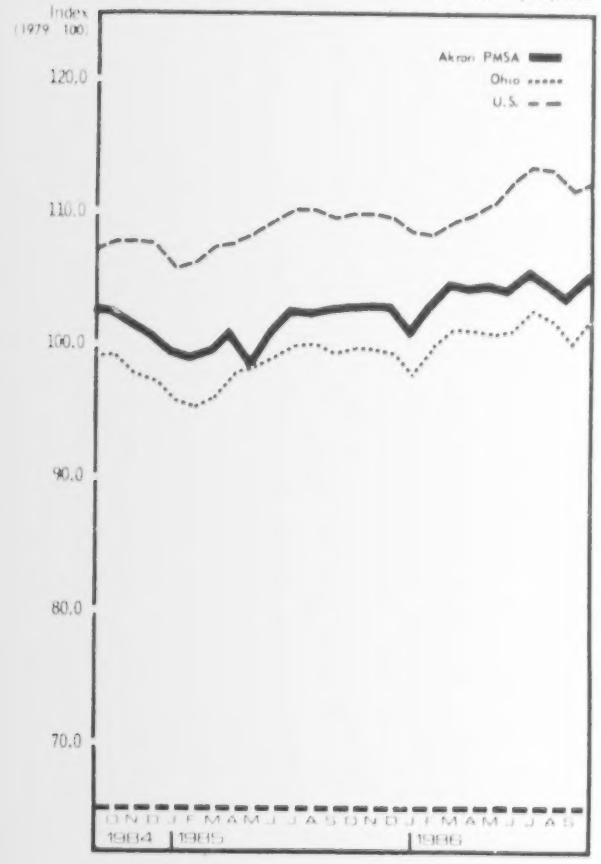
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



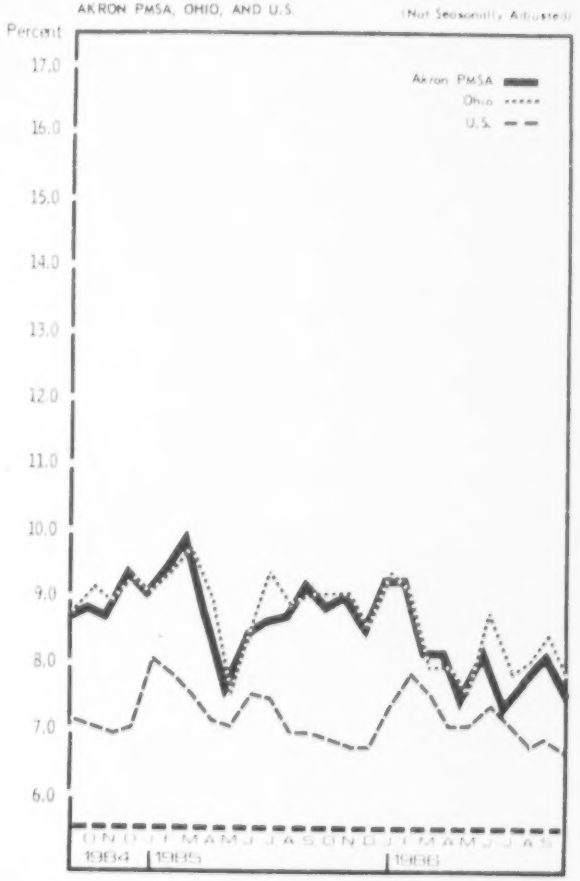
Nonagricultural wage and salary employment for the Akron metropolitan area totaled 272,800 in November, an increase of 1,600 from October. Employment in nonmanufacturing advanced 1,400. Retail trade was the primary sector of growth. Manufacturing employment rose 300 to 65,800, due to an improvement in rubber and miscellaneous plastics products. Manufacturing production workers averaged a 43.2 hour workweek, up .2 hours from October. Their average hourly earnings fell $.06 over the month, to $11.31.

Nonagricultural employment in the Akron area increased by 8,900 from November 1985. Growth occurred in all of the nonmanufacturing divisions. Services, retail trade, and construction were the major areas of advancement. Declines in tires and inner tubes, fabricated metal products, and nonelectrical machinery helped lead to the reduction of 1,400 manufacturing jobs.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



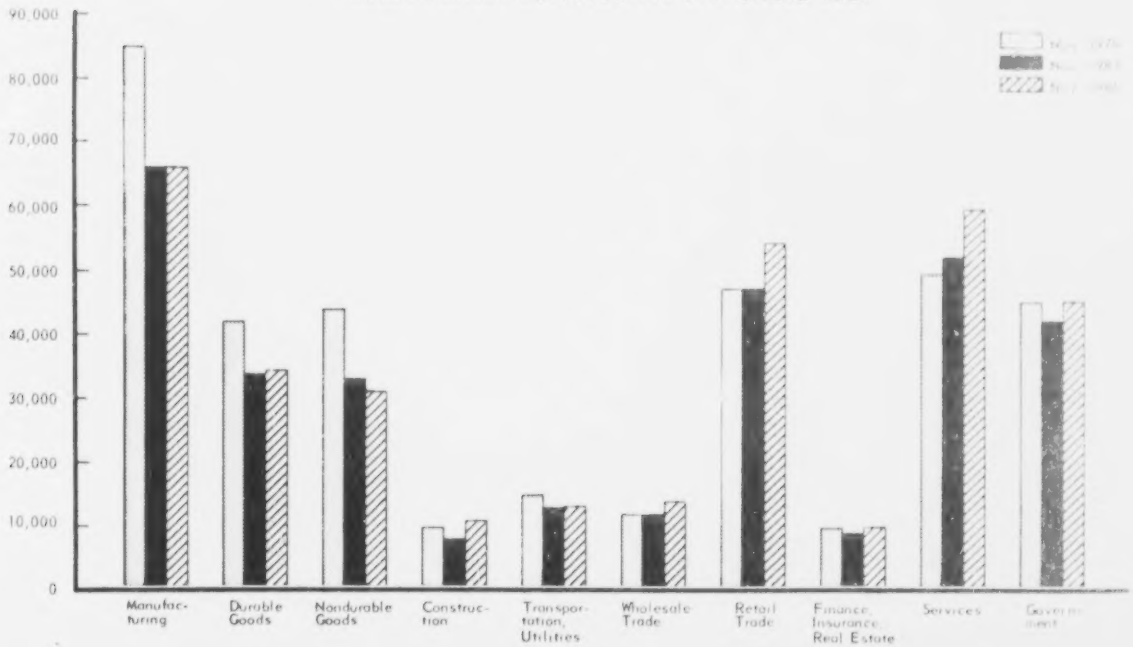
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Hours	Average Weekly Earnings	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	268.4	84.5	60.4	$ 42.63	40.	$.
291.3	266.3	25.0	8.6	1976	267.3	89.3	64.5	261.44	41.	.
298.2	278.7	19.5	6.5	1977	280.3	95.6	71.2	287.53	41.	.
298.9	282.2	16.7	5.6	1978	286.6	98.0	73.6	306.39	41.7	.
303.8	285.4	18.4	6.1	1979	278.9	95.6	71.8	331.52	41.	.
306.5	278.3	28.2	9.2	1980	262.4	87.5	64.8	361.00	41.	.
304.1	274.9	29.1	9.6	1981	258.5	86.	63.	371.	41.	.
303.0	268.0	35.1	11.6	1982	240.0	80.7	58.4	381.0	41.	.
302.5	265.2	37.3	12.3	1983	244.7	83.2	61.5	396.1	41.	.
316.4	315.0	30.8	9.7	1984	283.4	97.1	72.0	419.0	42.	.
316.4	288.5	27.9	8.8	1985	264.3	91.0	67.3	431.	42.	.
				1985						
321.8	293.4	28.4	8.8	October	263.1	92.0	68.2	430.	42.	.
322.1	293.3	28.8	9.0	November	264.0	92.2	68.3	430.	42.	.
319.0	293.0	26.1	8.1	December	264.3	93.8	69.7	433.8	44.	.
				1986						
316.2	287.3	29.0	9.2	January	257.4	91.4	68.2	427.21	43.	.
323.0	293.4	29.6	9.2	February	258.5	92.3	68.7	430.88	43.	.
323.8	297.7	26.1	8.1	March	261.0	93.4	70.	440.80	44.	.
325.2	297.2	28.0	8.6	April	264.6	93.5	70.1	440.31	44.	.
321.2	297.7	23.5	7.3	May	268.3	96.4	72.	439.20	44.	.
323.0	296.6	26.4	8.2	June	267.1	96.3	72.	440.1	44.	.
324.3	301.0	23.3	7.2	July	269.1	97.0	73.4	443.40	44.	.
322.3	297.6	24.7	7.7	August	269.2	96.2	72.1	440.01	44.	.
321.3	295.6	26.3	8.2	September	271.6	98.2	74.3	440.3	44.	.
325.2	300.7	24.5	7.5	October	271.2	97.8	73.5	440.11	44.	.
INA	INA	INA	INA	November	272.9	98.3	74.1	440.1	44.	.

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[b] (in thousands)	
	November 1986[p]	October 1986[r]	November 1985	From Last Month	From Last Year
TOTAL	272.8	271.2	269.1	1.6	3.7
MANUFACTURING	65.8	65.6	67.2	.2	-1.4
Durable Goods	34.9	34.6	35.4	.3	-.5
Fabricated metal products	10.3	10.3	10.5	.0	-.2
Machinery, except electrical	9.0	8.9	9.3	.1	-.3
Metalworking machinery	2.9	2.9	3.1	.0	-.2
Nondurable Goods	31.1	31.1	31.8	.0	-.7
Food and kindred products	2.6	2.6	2.8	.0	-.2
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	25.7	25.6	26.2	.1	-.5
Tires and inner tubes	13.9	13.8	14.3	.1	-.4
NONMANUFACTURING	207.0	205.7	201.9	1.3	5.1
CONSTRUCTION	10.7	10.5	9.9	.2	.8
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.7	13.9	.2	.0
Communication, electric, gas services	5.3	5.3	5.3	.0	.0
WHOLESALE TRADE	14.4	14.5	13.9	-.1	.5
RETAIL TRADE	54.1	53.7	53.1	.4	1.0
General merchandise stores	6.5	6.5	6.2	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	10.4	10.3	9.9	.1	.5
Banking	3.3	3.3	3.2	.0	.1
SERVICES	59.7	59.2	55.9	.5	3.8
Business services	12.2	12.1	10.8	.1	1.4
Amusement and recreation services	2.8	2.1	2.3	.7	.5
Health services	17.4	17.3	17.3	.1	.1
GOVERNMENT	46.8	46.3	47.7	.5	-.9
State government	15.7	15.6	15.8	.1	-.1
State government education	12.8	12.8	12.8	.0	.0
State government, except education	2.8	2.8	2.9	.0	-.1
Local government	26.5	26.3	26.3	.2	.2
Local government education	14.6	14.3	14.2	.3	.4
Local government, except education	11.9	12.0	12.1	-.1	-.2

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

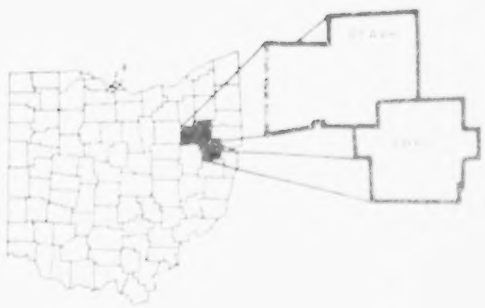
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986	October 1986	November 1985	Nov. 1986	Oct. 1986	Nov. 1985	Nov. 1986	Oct. 1986	Nov. 1985
MANUFACTURING	$488.59	$488.91	$474.39	43.2	43.7	43.6	[illegible]	[illegible]	[illegible]
Durable Goods	511.73	[illegible].04	485.90	43.7	43.7	43.8	[illegible]	[illegible]	[illegible]
Fabricated metal products	657.29	656.37	579.88	45.5	45.0	43.6	[illegible]	[illegible]	[illegible]
Machinery, except electrical	438.67	427.39	429.24	44.4	42.7	43.8	[illegible]	[illegible]	[illegible]
Metalworking machinery	440.[illegible]	434.43	421.[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	454.37	455.28	455.17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	455.67	441.05	458.01	41.5	40.8	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	448.14	457.89	464.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	483.34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tires and inner tubes	[illegible]	715.84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	315.17	315.32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

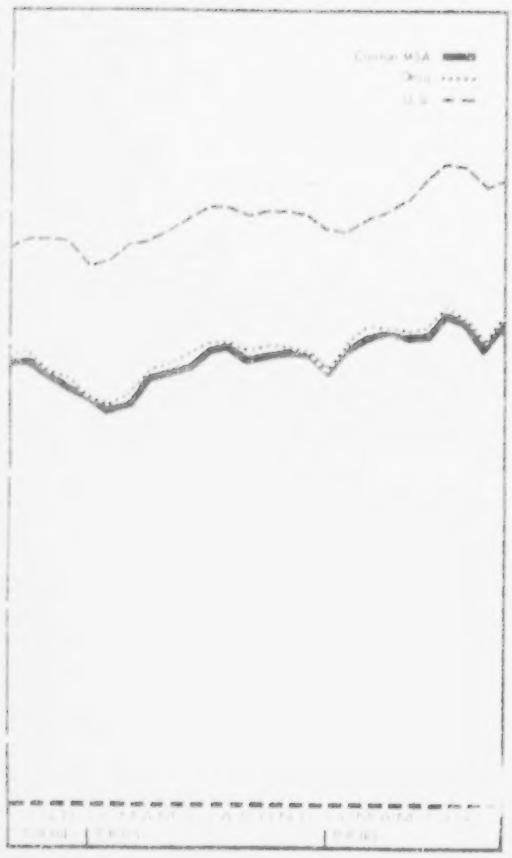
[a]See Technical Notes for concepts. [illegible]

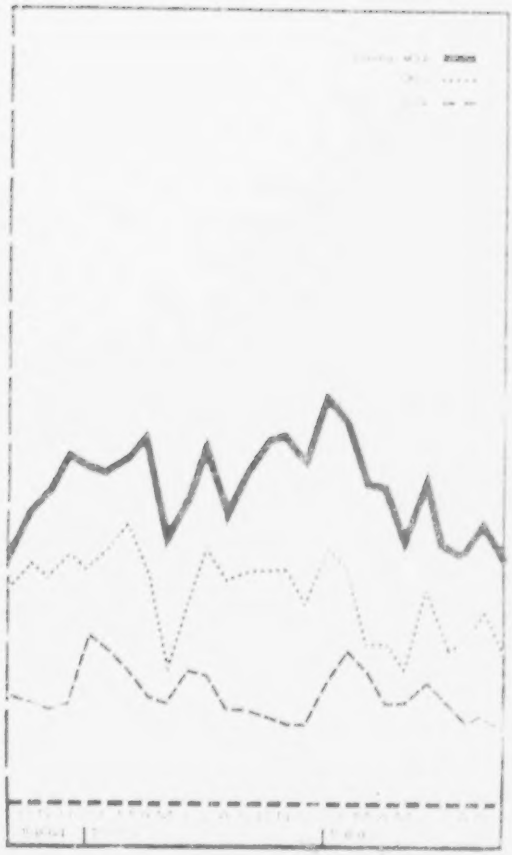
Selected Administrative Program Activities

	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	372	405	[illegible]
Job Openings Received	501	714	[illegible]
Job Openings Unfilled	694	821	[illegible]
Unemployment Insurance Program			
Initial Claims	3,815	3,542	4,723
Continued Claims	25,231	28,844	[illegible]
First Payments	1,245	[illegible]	[illegible]
Last Payments	371	477	[illegible]
Weeks Compensated	17,108	[illegible]	[illegible]
Benefits Paid	$2,476,167	[illegible]	[illegible]
Average Weekly Payment	$148.59	$148.35	[illegible]

CANTON
METROPOLITAN STATISTICAL AREA

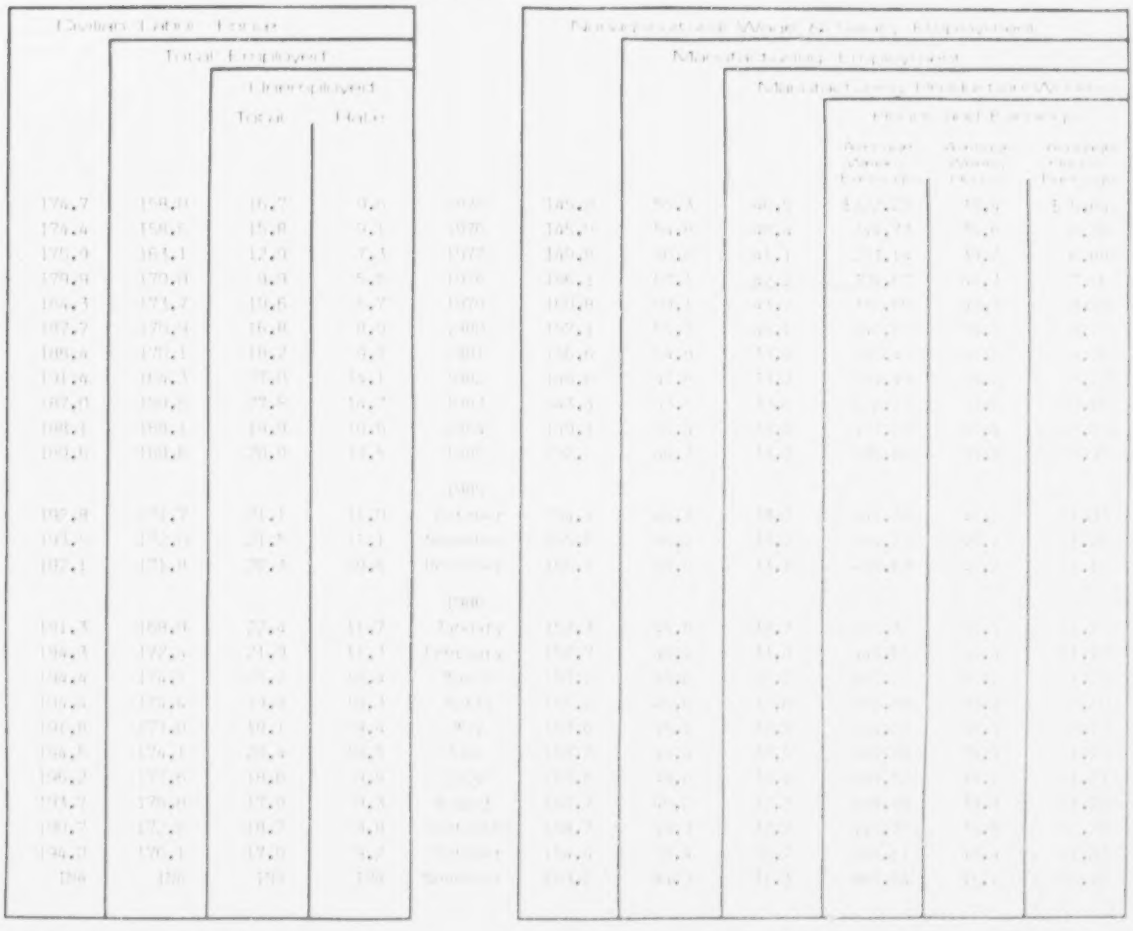




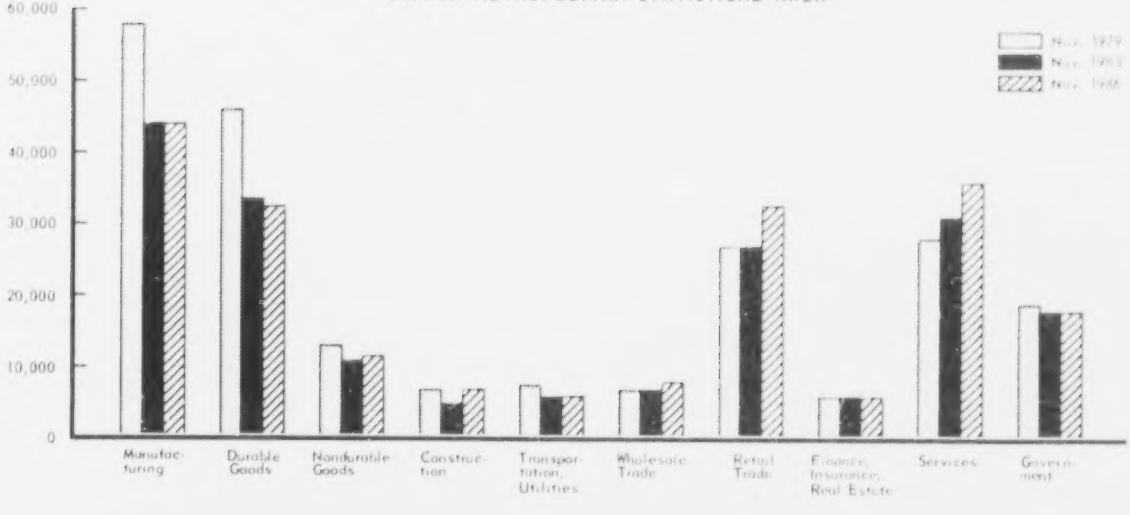


Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[1]

Canton MSA

	Employment			Change[2]	
TOTAL					
MANUFACTURING					
Durable Goods					
Primary metal industries					
Fabricated metal products					
Metal forgings and stampings					
Nondurable Goods					
Food and kindred products					
Rubber and miscellaneous plastics products					
NONMANUFACTURING					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Communication, electric, gas services					
WHOLESALE TRADE					
Wholesale trade, durable goods					
RETAIL TRADE					
General merchandise stores					
Eating places					
FINANCE, INSURANCE AND REAL ESTATE					
Banking					
SERVICES					
Health services					
GOVERNMENT					
State government, excludes education					
Local government					
Local government education					
Local government, except education					

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

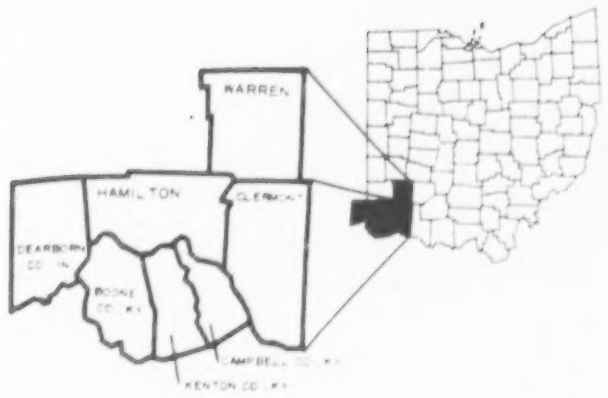
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1995[b]	October 1995[c]	November 1994[c]	Nov. 1995[b]	Oct. 1995[c]	Nov. 1994[c]	Nov. 1995[b]	Oct. 1995[c]	Nov. 1994[c]
MANUFACTURING	$460.54	$445.61	$440.41	44.2	44.0	45.2	$10.42	$10.13	$9.74
Durable Goods[d]	488.11	461.85	463.20	45.0	44.0	45.5	11.73	11.05	10.18
Primary metal industries	540.47	524.17	484.36	44.1	44.5	44.1	12.26	11.78	10.98
Fabricated metal products	502.12	483.52	512.60	45.3	44.4	45.3	11.08	10.89	11.32
Metal forgings and stampings	537.39	525.47	554.19	45.4	44.7	47.0	11.84	11.76	11.79
Nondurable Goods[d]	408.82	405.26	398.80	43.4	43.9	44.8	9.42	9.23	8.90
Food and kindred products	423.26	427.58	428.43	43.7	44.1	44.2	9.68	9.70	9.69
Rubber and misc. plastics products	429.15	427.42	428.24	43.4	43.4	44.4	9.89	9.85	9.65
TRANSPORTATION AND PUBLIC UTILITIES	******	******	******	****	****	****	*****	*****	*****
Communication, electric, gas services	543.82	541.80	529.38	41.7	41.6	41.4	13.04	13.02	12.79
WHOLESALE TRADE	339.69	331.08	330.24	38.8	38.4	38.1	8.76	8.62	8.67
RETAIL TRADE[e]	194.83	195.27	194.27	29.1	29.3	29.4	6.70	6.67	6.61

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on employment figures for workers who are directly involved in production activities. Durable goods includes furniture, stone, clay, and glass products, machinery except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. Nondurable goods includes tobacco manufactures, textile mill products, apparel and other finished products made from fabrics and similar materials, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [e]Includes mining. [f]Money payments only. Tips not included. Depressed due to work management practices.

Selected Administrative Program Activities

	November 1995	October 1995	November 1994
Employment Service Program			
New Applicants	1,569	1,410	1,703
Active File of Job Seekers	17,821	17,907	19,109
Referrals to Jobs	506	1,060	1,[illegible]
Placements	247	265	288
Job Openings Received	407	552	611
Job Openings Unfilled	332	362	479
Unemployment Insurance Program			
Initial Claims	4,341	3,931	4,227
Continued Claims	21,274	32,342	24,614
First Payments	1,050	4,446	1,508
Last Payments	313	319	288
Weeks Compensated	17,713	26,278	19,325
Benefits Paid	$2,629,401	$4,350,678	$2,869,282
Average Weekly Payment	$153.80	$169.54	$162.40

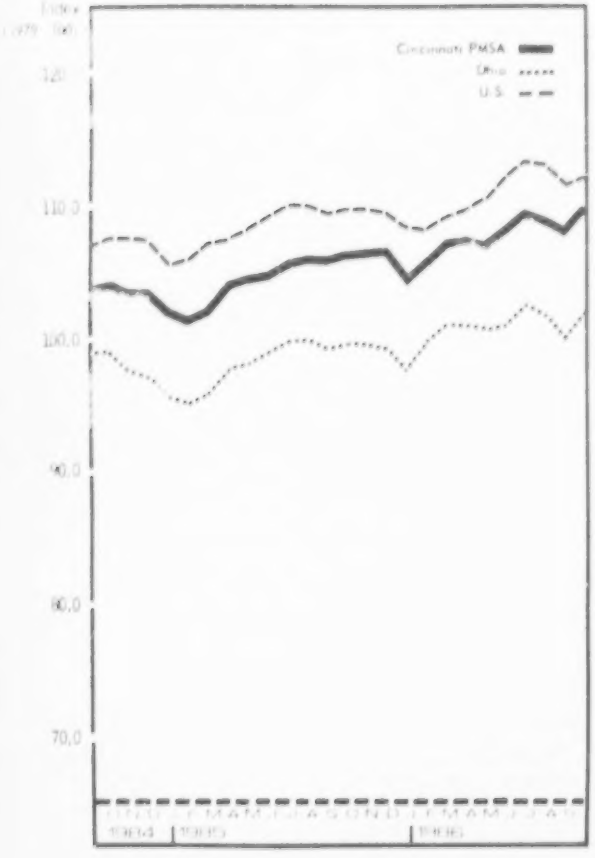
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



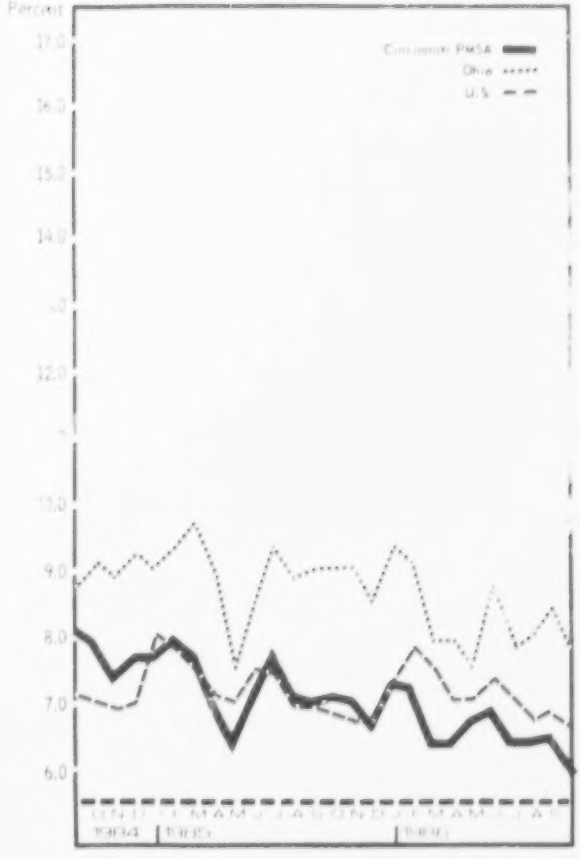
Cincinnati's nonfarm wage and salary employment rose 2,500 in November. Seasonal increases in retail trade accounted for most of the growth. Manufacturing employment increased slightly, to 149,600. Production workers in manufacturing worked an average of 43.5 hours, up one hour. Their average hourly earnings rose $.17 to $10.97 in November.

Nonfarm wage and salary employment increased 28,600 from November 1985 to November 1986. Services and retail trade had the largest gains, although all nonmanufacturing industries were up. Manufacturing employment rose slightly, with losses in nonelectrical machinery overshadowing gains in transportation equipment, chemicals and allied products, and rubber and plastics products.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

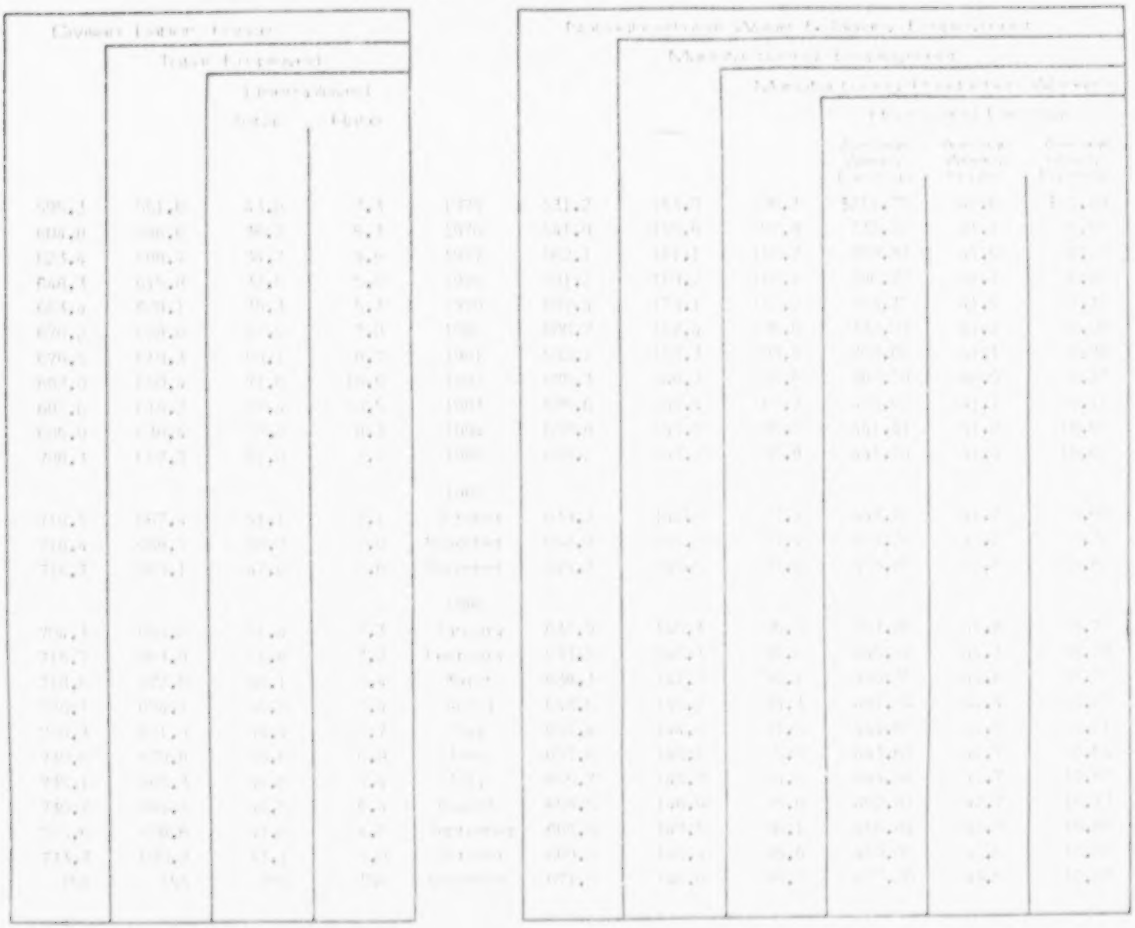


UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

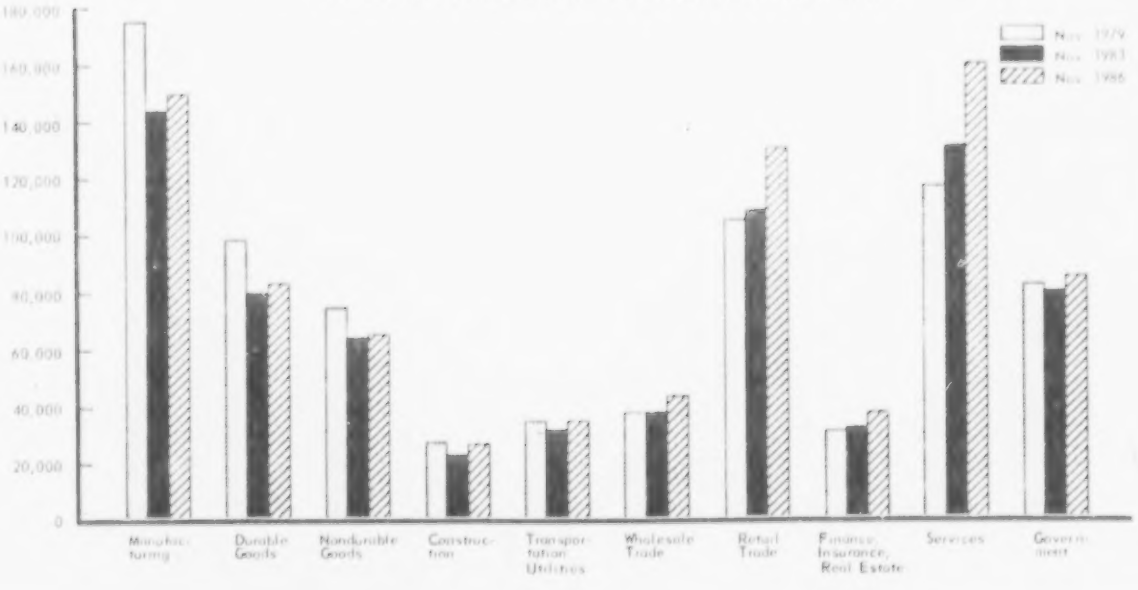


Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[1]

Cincinnati PMSA

	Employment (in thousands)			Change[2] (in thousands)	
	November 1995[3]	October 1995[3]	November 1994[3]	From Last Month	From Last Year
TOTAL					
MANUFACTURING					
Durable Goods					
Fabricated metal products					
Fabricated structural metal products					
Machinery, except electrical					
Metalworking machinery					
General industrial machinery					
Electric and electronic equipment					
Transportation equipment					
Motor vehicles and equipment					
Nondurable Goods					
Food and kindred products					
Beverages					
Apparel and other textile products					
Paper and allied products					
Printing and publishing					
Chemicals and allied products					
Rubber and miscellaneous plastics products					
NONMANUFACTURING					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Trucking and warehousing					
Communications and public utilities					
WHOLESALE TRADE					
Nondurable goods					
RETAIL TRADE					
General merchandise stores					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
Insurance carriers					
SERVICES					
Hotels and other lodging places					
Personal services					
Business services					
Amusement and recreation services					
Health services					
GOVERNMENT					
Federal government					
State government					
State government education					
State government except education					
Local government					
Local government education					
Local government except education					

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986[c]	November 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]
MANUFACTURING									
Durable Goods[d]									
Fabricated metal products									
Fabricated structural metal products									
Machinery, except electrical									
Metalworking machinery									
General industrial machinery									
Electric and electronic equipment									
Transportation equipment									
Motor vehicles and equipment									
Nondurable Goods[e]									
Food and kindred products									
Beverages									
Apparel and other textile products									
Paper and allied products									
Printing and publishing									
Commercial printing									
Chemicals and allied products									
Rubber and misc. plastics products									
TRANSPORTATION AND PUBLIC UTILITIES									
Communication, electric, gas services									
WHOLESALE TRADE									
RETAIL TRADE[f]									
FINANCE, INSURANCE, AND REAL ESTATE									
Banking									

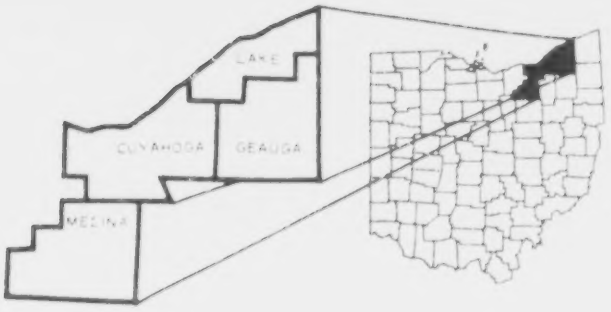
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing, tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [f]Includes mining. [g]Money payments only; tips not included. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Delayed due to labor-management disputes.

Selected Administrative Program Activities[a]

	November 1986	October 1986	November 1985
Employment Service Program			
New Applicants			
Active File of Job Seekers			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			
Unemployment Insurance Program			
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			

[a]Ohio data only

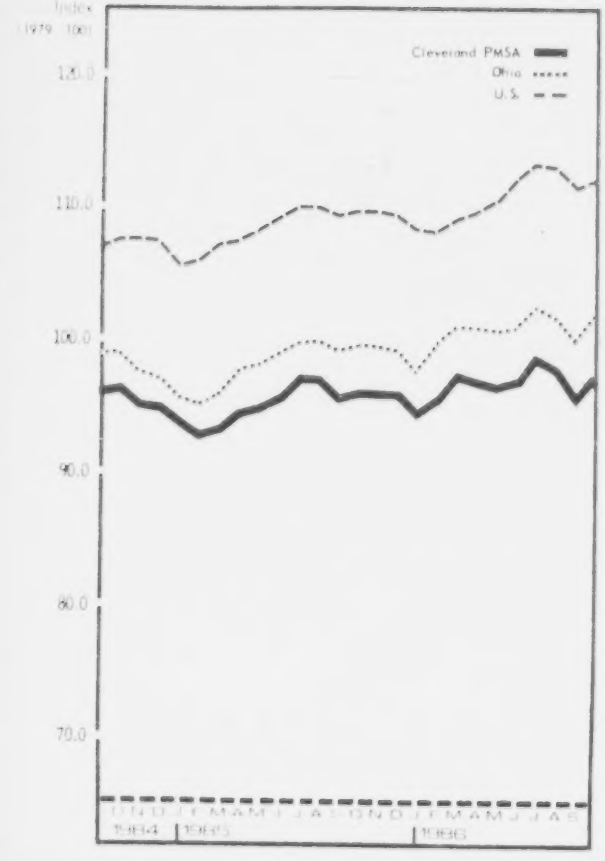
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



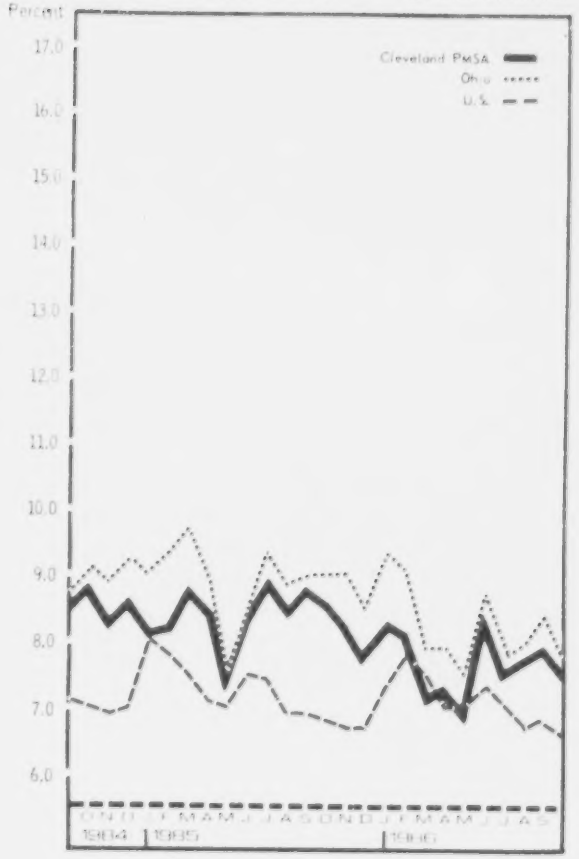
Nonagricultural wage and salary employment in the Cleveland area rose 2,800 from October to 900,200 in November. Nonmanufacturing employment increased 1,700. Gains in retail trade and local schools overshadowed seasonal losses in construction and amusement and recreation services. Manufacturing employment advanced 1,100 to 203,400, due primarily to growth in motor vehicles and equipment, primary metal industries, and rubber and plastics products. Factory production workers earned an average of $11.59 per hour, up $.18 from October. Their average workweek of 43.1 hours was one hour longer.

Since November 1985, nonfarm employment increased 17,500. Noteworthy gains were recorded in retail trade, business services, health services, and finance, insurance, and real estate. Manufacturing employment declined 5,500. Although losses were noted in most manufacturing industries, significant reductions were in nonelectrical machinery, instruments and related products, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



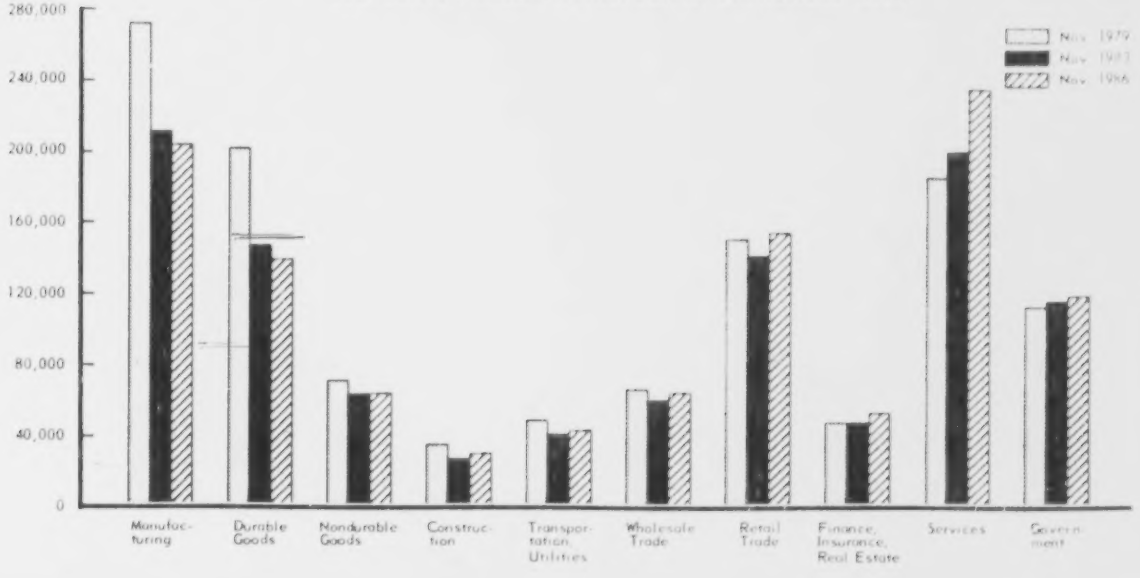
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employment	Unemployment			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
846.9	826.3	70.6	7.9	1979	860.6	681.3	476.0	$377.65	40.4	$ 9.35
837.7	834.4	61.3	7.0	1978	861.0	694.1	489.9	363.36	41.3	8.80
809.5	854.9	54.0	5.9	1977	848.3	678.0	486.0	292.70	40.8	7.84
921.7	878.5	43.2	4.7	1976	905.8	695.0	488.0	321.95	41.4	7.78
935.8	880.1	46.7	5.0	1975	918.8	679.3	488.6	315.60	42.2	7.48
937.1	869.1	68.0	7.3	1974	895.7	654.7	465.2	300.48	42.3	7.11
933.8	854.0	79.8	8.5	1973	881.7	640.0	461.0	309.30	41.1	7.53
933.4	833.2	100.2	10.7	1982	848.6	595.1	441.0	302.443	39.3	7.69
928.7	823.4	105.3	11.3	1983	870.8	597.3	443.4	307.841	40.1	10.05
923.5	841.0	82.5	8.9	1984	856.5	613.8	459.5	450.117	42.3	10.88
922.0	845.5	76.5	8.3	1985	869.3	610.7	456.1	467.274	41.8	11.18
				1985						
932.9	853.7	79.2	8.5	October	881.6	608.8	454.1	462.568	41.6	11.34
929.0	852.6	76.4	8.2	November	882.7	608.9	454.0	467.538	41.8	11.39
923.1	851.9	71.1	7.7	December	884.2	609.3	454.5	480.117	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	607.1	453.6	476.011	41.8	11.39
929.2	854.3	74.9	8.1	February	865.1	605.1	452.1	479.234	41.9	11.43
931.6	865.3	66.3	7.1	March	870.9	606.3	452.3	487.603	42.4	11.50
926.7	859.2	67.5	7.3	April	880.6	609.2	455.6	479.778	41.9	11.45
918.2	855.3	62.3	6.8	May	890.3	610.8	457.7	472.641	41.6	11.39
940.1	861.4	78.7	8.4	June	896.6	609.8	455.3	480.336	42.1	11.41
949.4	878.1	71.3	7.5	July	895.0	613.1	459.6	490.407	42.8	11.47
940.0	867.6	72.4	7.7	August	892.9	612.5	458.4	479.684	42.1	11.40
919.9	847.1	72.9	7.9	September	895.9	614.0	459.8	484.406	42.6	11.44
934.4	864.2	70.2	7.5	October	897.4	612.3	459.2	480.36	42.1	11.41
INA	INA	INA	INA	November	900.2	613.4	460.6	488.83	41.1	11.90

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[b] (in thousands)	
	November 1986[c]	October 1986[c]	November 1985	From Last Month	From Last Year
TOTAL					
MANUFACTURING					
Durable Goods[d]					
Primary metal industries					
Blast furnace and basic steel products					
Iron and steel foundries					
Fabricated metal products					
Fabricated structural metal products					
Screw machine products, bolts, etc.					
Metal forgings and stampings					
Machinery, except electrical					
Construction and related machinery					
Metalworking machinery					
Special industry machinery					
General industrial machinery					
Electric and electronic equipment					
Electrical industrial apparatus					
Transportation equipment					
Motor vehicles and equipment					
Instruments and related products					
Measuring and controlling devices					
Nondurable Goods					
Food and kindred products					
Apparel and other textile products					
Paper and allied products					
Printing and publishing					
Chemicals and allied products					
Rubber and misc. plastics products					
NONMANUFACTURING					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Trucking and warehousing					
Communication, electric, gas services					
WHOLESALE TRADE					
Wholesale trade, durable goods					
RETAIL TRADE					
General merchandise stores					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
Credit agencies other than banks					
Insurance carriers					
SERVICES					
Business services					
Amusement and recreation services					
Health services					
GOVERNMENT					
Federal government					
State government					
State government education					
State government, except education					
Local government					
Local government education					
Local government, except education					

Hours & Earnings of Production or Nonsupervisory Workers[a]

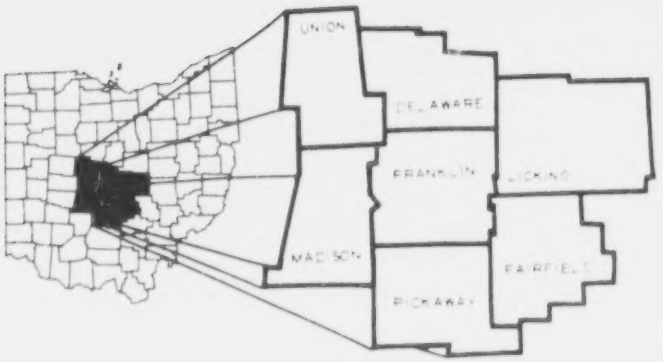
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986	November 1985	Nov. 1986[b]	Oct. 1986	Nov. 1985	Nov. 1986[b]	Oct. 1986	Nov. 1985
MANUFACTURING	$489.53	$480.76	$467.09	41.1	40.4	41.8	$11.91	$11.90	$11.18
Durable Goods[c]	530.70	522.80	496.40	43.8	43.2	44.4	12.12	12.10	11.18
Primary metal industries	607.87	601.37	577.36	44.3	43.8	44.6	13.72	13.73	12.94
Blast furnace and basic steel products	609.75	604.44	577.36	43.7	43.4	44.6	13.95	13.93	12.94
Iron and steel foundries	607.68	601.37	580.24	44.4	44.0	44.8	13.69	13.67	12.95
Fabricated metal products	544.36	538.44	499.24	43.1	42.9	44.4	12.63	12.55	11.25
Fabricated structural metal products	611.05	605.08	556.18	43.1	42.9	44.3	14.18	14.10	12.56
Screw machine products, bolts, etc.	477.44	472.15	434.53	42.6	42.3	43.7	11.21	11.16	9.94
Metal forgings and stampings	556.47	550.94	509.20	43.5	43.2	44.4	12.79	12.75	11.47
Machinery, except electrical	570.23	564.58	528.80	43.7	43.4	43.9	13.05	13.01	12.05
Construction and related machinery	634.42	628.10	577.36	45.1	44.8	44.6	14.07	14.02	12.95
Metalworking machinery	573.12	567.44	530.74	44.3	44.0	44.6	12.94	12.90	11.90
Special industry machinery	580.36	574.61	537.84	44.2	43.9	44.6	13.13	13.09	12.06
General industrial machinery	555.30	549.80	513.72	43.5	43.2	44.2	12.77	12.73	11.62
Electric and electronic equipment	502.78	497.80	461.44	41.7	41.4	42.4	12.06	12.02	10.88
Electrical industrial apparatus	546.17	540.77	503.27	42.9	42.6	43.4	12.73	12.69	11.60
Transportation equipment	754.76	747.29	692.44	46.0	45.7	45.7	16.41	16.35	15.15
Motor vehicles and equipment	819.78	811.67	756.43	46.8	46.5	46.4	17.52	17.45	16.30
Instruments and related products	513.39	508.30	476.57	41.7	41.4	42.1	12.31	12.28	11.32
Measuring and controlling devices	599.77	593.83	556.68	44.1	43.8	44.1	13.60	13.56	12.63
Nondurable Goods	423.27	419.48	396.36	41.0	40.4	41.0	10.33	10.39	9.67
Food and kindred products	530.65	525.39	493.56	42.3	41.9	42.7	12.54	12.54	11.56
Apparel and other textile products	328.32	325.08	305.20	39.4	39.0	39.7	8.33	8.34	7.69
Paper and allied products	675.27	668.84	629.00	44.6	44.3	44.8	15.14	15.10	14.04
Printing and publishing	511.98	506.91	476.57	40.6	40.3	41.0	12.61	12.58	11.62
Chemicals and allied products	621.27	615.17	580.24	44.4	44.1	44.8	13.99	13.95	12.95
Rubber and misc. plastics products	560.70	555.15	517.84	43.4	43.1	43.7	12.92	12.88	11.85
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	599.40	593.47	555.84	42.3	42.1	42.7	14.17	14.10	13.02
WHOLESALE TRADE	555.75	550.25	520.80	42.4	42.1	42.8	13.11	13.07	12.17
RETAIL TRADE	270.27	267.59	254.52	30.1	29.9	29.8	8.98	8.95	8.54
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	293.97	290.87	277.43	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unpublished figures. [e]Includes miscellaneous and wood products, furniture, glass products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile products, paper, and rubber and plastic products, leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1986	October 1986	November 1985
Employment Service Program			
New Applicants	7,437	8,278	7,411
Active File of Job Seekers	114,344	110,422	114,127
Referrals to Jobs	4,430	4,813	4,741
Placements	2,281	2,546	2,407
Job Openings Received	3,815	3,854	3,980
Job Openings Unfilled	2,063	2,218	2,111
Unemployment Insurance Program			
Initial Claims	7,432	8,421	7,411
Continued Claims	61,233	69,478	64,013
First Payments	4,614	5,330	5,014
Last Payments	4,301	4,870	4,711
Weeks Compensated	47,838	53,586	50,209
Benefits Paid	$6,968,421	$8,231,185	$6,699,529
Average Weekly Payment	$150.00	$160.61	$145.62

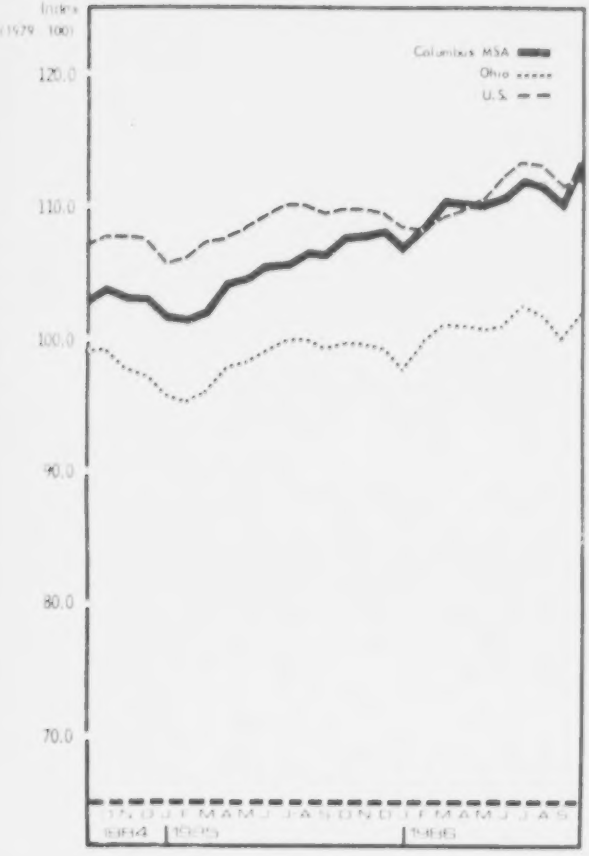
COLUMBUS METROPOLITAN STATISTICAL AREA



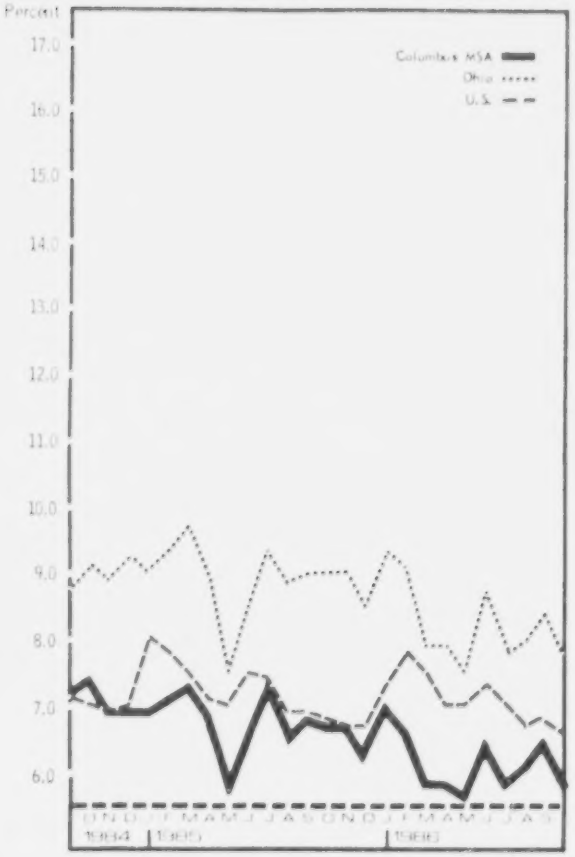
Nonagricultural wage and salary employment in the Columbus metropolitan area totaled 662,000 in November, up 3,600 from October. Nonmanufacturing employment rose 2,800 to 557,300. Retail trade had the largest gains due to the holiday season. Settlement of labor-management disputes in stone, clay, and glass products and nonelectrical machinery pushed manufacturing employment up to 104,700. Production workers in manufacturing earned an average of $11.31 per hour, little changed over the month. The average workweek was 41.1 hours, up .3 hours from October.

Nonagricultural employment rose 34,600 from November 1985. The increase occurred in nonmanufacturing with largest gains in services and retail trade. All other nonmanufacturing divisions in the Columbus area also gained workers over the year. Manufacturing employment declined 2,000, with losses recorded in durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



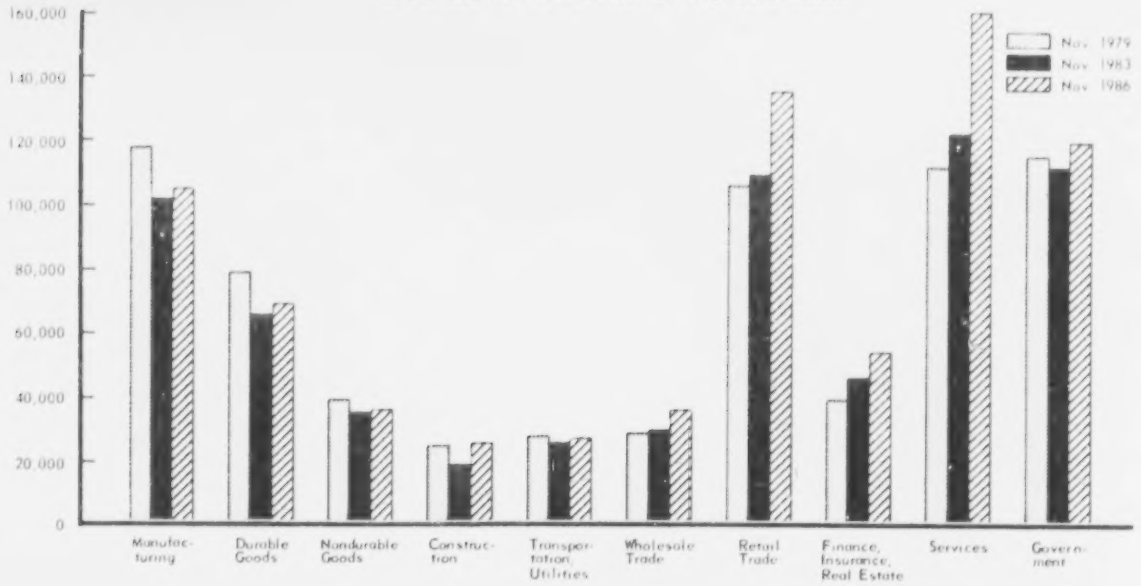
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
							Manufacturing Production Workers			
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	541.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.3	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.3	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	109.7	69.3	$439.78	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.09	40.3	10.83
				1986						
666.0	622.1	44.7	6.7	October	623.9	105.7	71.2	445.78	41.0	10.88
667.1	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.98
665.3	624.3	41.0	6.2	December	631.4	107.1	71.6	463.14	41.8	11.09
				1987						
661.3	615.1	46.2	7.0	January	620.0	105.6	71.0	451.35	40.9	11.05
671.5	627.1	44.5	6.6	February	619.1	106.3	70.9	453.68	41.0	11.07
676.4	637.2	39.1	5.8	March	624.9	105.7	70.6	460.50	41.3	11.16
675.6	636.5	39.1	5.8	April	635.1	106.7	70.6	462.44	41.4	11.17
672.6	634.8	37.8	5.6	May	642.0	105.1	70.0	464.66	41.7	11.20
683.7	639.4	44.3	6.5	June	646.8	105.0	69.7	480.43	41.8	11.24
686.4	648.7	37.7	5.8	July	640.3	104.8	69.6	468.18	40.8	11.24
686.1	644.5	41.6	6.1	August	644.6	105.0	69.8	481.66	41.3	11.26
677.5	633.5	44.1	6.5	September	651.6	106.1	70.7	465.86	41.3	11.28
684.3	656.6	27.7	5.8	October	658.4	101.9	68.7	450.80	40.9	11.27
INA	INA	INA	INA	November	662.0	104.7	69.1	458.84	41.1	11.31

(Not Seasonally Adjusted Numbers)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[1]

Columbus MSA

	Employment (in thousands)			Change[2] (in thousands)	
TOTAL					
MANUFACTURING					
NONMANUFACTURING					

Hours & Earnings of Production or Nonsupervisory Workers[a]

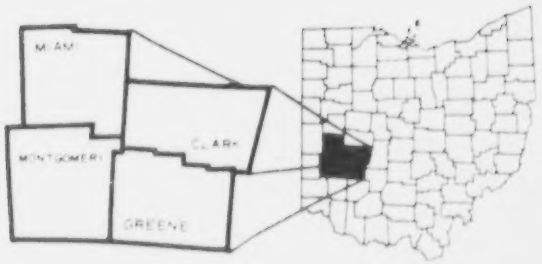
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986[c]	November 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]
MANUFACTURING	$464.84	$458.92	$453.62	41.1	40.8	41.7	$11.31	$11.27	$10.88
Durable Goods[d]	475.17	472.87	473.52	41.2	40.9	41.7	11.56	11.50	11.35
Stone, clay, and glass products	548.62	572.46	480.38	38.9	39.8	41.2	12.63	12.84	11.66
Glass and glassware, pressed or blown	481.27	489.81	443.44	41.1	41.5	39.5	10.78	10.80	11.24
Fabricated metal products	491.55	474.36	472.32	41.1	40.2	41.8	11.96	11.80	11.31
Fabricated structural metal products	435.66	421.97	414.40	41.1	41.2	40.4	10.60	10.24	10.26
Machinery, except electrical	446.73	443.45	427.23	41.6	41.4	41.1	10.74	10.71	10.39
Electric and electronic equipment	465.00	447.82	462.13	41.2	40.2	42.1	11.29	11.14	10.97
Transportation equipment	556.42	552.38	548.19	43.1	42.8	44.2	12.91	12.91	12.40
Instruments and related products	389.77	385.75	394.78	40.1	40.0	41.5	9.72	9.64	9.52
Nondurable Goods	441.81	430.39	427.66	41.1	40.6	41.6	10.75	10.60	10.28
Food and kindred products	424.98	421.48	397.36	41.3	41.2	40.3	10.29	10.23	9.86
Printing and publishing	507.18	499.72	492.08	39.5	39.1	40.6	12.84	12.78	12.12
Chemicals and allied products	526.28	507.17	518.58	41.3	41.2	43.6	12.68	12.31	11.94
Rubber and misc. plastics products	348.44	342.19	328.82	40.2	40.3	40.6	8.70	8.50	8.18
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	574.01	575.71	564.62	41.9	41.9	41.9	13.73	13.74	13.54
WHOLESALE TRADE	341.11	342.38	331.37	38.5	38.4	38.7	8.86	8.93	8.61
RETAIL TRADE	186.16	186.16	177.24	28.3	28.3	28.2	6.63	6.63	6.31
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	249.26	244.33	233.31	....	....	....	.....	.....	.....

[a]See Technical Notes for contents. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. Includes mining. Mines payments are not included. Includes State universities, State schools for the deaf and blind, and the State Library. Excludes minorities, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1986	October 1986	November 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,114	4,976	4,635
Active File of Job Seekers	34,524	35,113	41,354
Referrals to Jobs	1,787	3,278	3,056
Placements	617	2,548	991
Job Openings Received	1,918	2,795	2,334
Job Openings Unfilled	5,013	5,813	7,662
Unemployment Insurance Program			
Initial Claims	5,554	6,181	6,631
Continued Claims	28,772	29,650	38,130
First Payments	2,413	2,325	2,140
Last Payments	607	663	813
Weeks Compensated	27,413	31,816	28,943
Benefits Paid	$4,091,930	$4,768,884	$4,326,572
Average Weekly Payment	$152.68	$153.31	$147.68

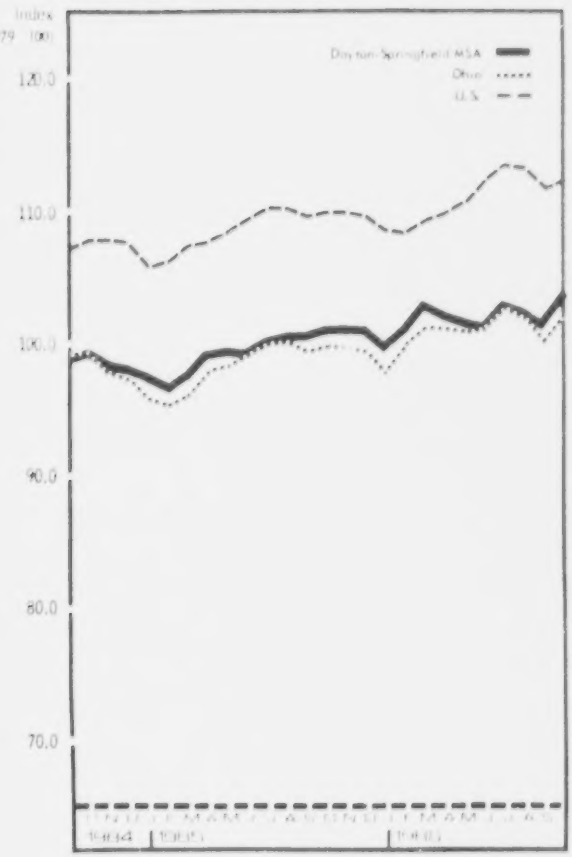
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



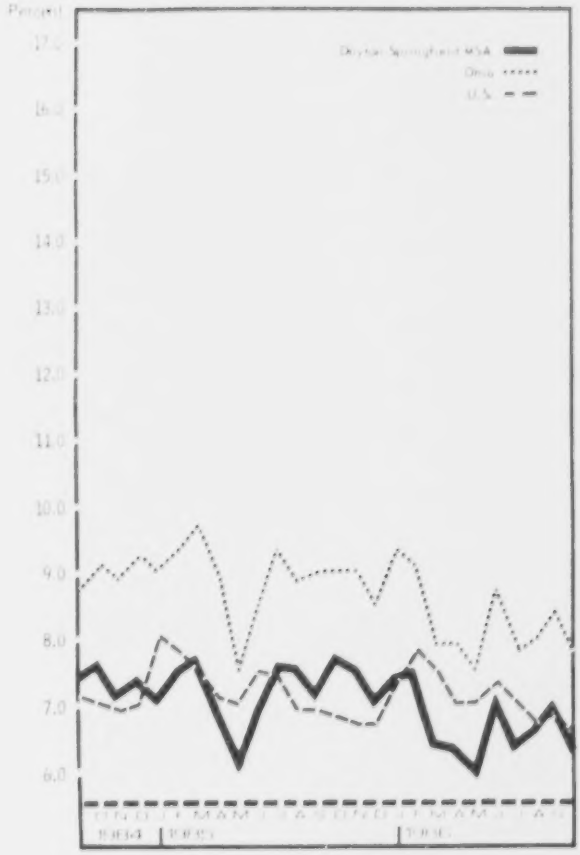
Nonagricultural wage and salary employment in the Dayton-Springfield MSA, at 432,000 in November, was up 2,000 from October. The increase occurred in nonmanufacturing, especially retail trade, services, and government. Over the month, manufacturing employment remained unchanged at 104,200. Production workers in manufacturing earned an average of $11.93 per hour, down $.04 from October. Their average workweek of 42.4 hours was up .4 hours.

From November 1985 to November 1986, Dayton-Springfield nonagricultural wage and salary employment rose 14,600. All nonmanufacturing industries were up, with services, retail trade, and construction having the largest increases. Manufacturing employment dropped 2,300 over the year, due chiefly to losses in nonelectrical machinery, rubber and plastics products, and metalworking machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



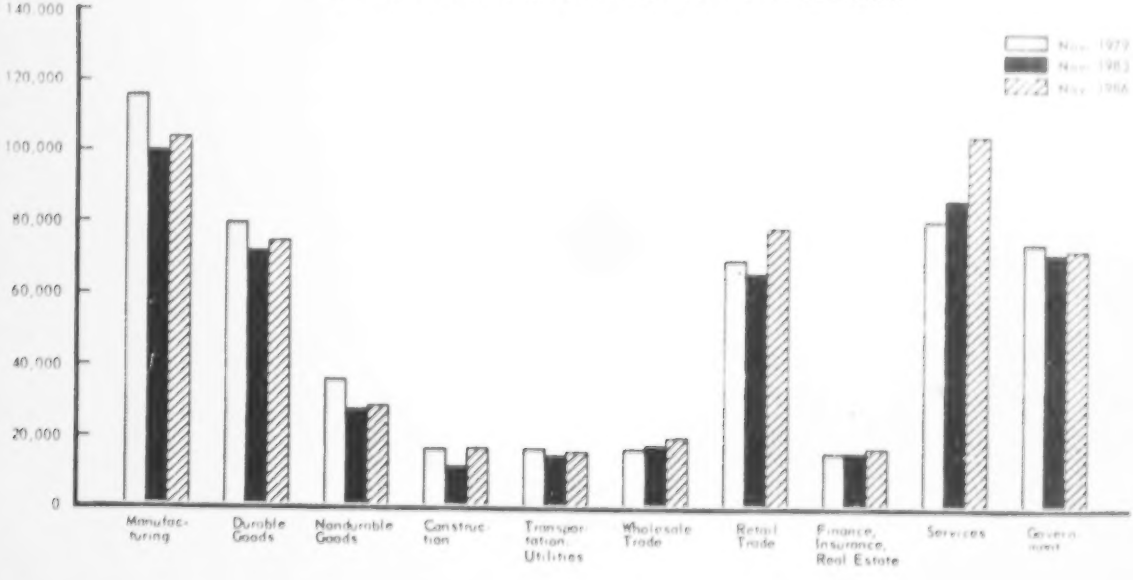
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$448.49	42.9	$11.22
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	$17.10	43.2	$11.37
				1985						
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	$09.50	42.6	$11.36
456.5	422.2	34.2	7.5	November	417.4	109.8	69.4	$18.15	43.0	$11.49
453.7	421.7	31.9	7.0	December	418.7	109.6	69.3	$40.82	44.0	$12.11
				1986						
448.1	414.3	33.7	7.4	January	409.3	105.7	68.5	$34.49	43.7	$12.23
457.2	422.7	34.5	7.5	February	409.1	106.5	68.3	$42.01	43.8	$12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.3	$25.44	43.4	$12.13
455.1	426.3	28.8	6.3	April	417.7	104.7	67.7	$22.88	42.8	$12.22
450.8	424.4	26.5	5.9	May	421.0	104.6	67.5	$15.31	42.9	$12.24
455.5	423.0	32.5	7.1	June	419.3	104.5	67.0	$18.06	43.1	$12.32
459.2	430.0	29.1	6.3	July	418.3	104.1	66.3	$11.79	42.6	$12.23
458.2	427.8	30.4	6.6	August	420.7	104.5	66.6	$02.25	42.1	$11.35
455.0	423.4	31.6	7.0	September	427.0	106.7	67.3	$10.62	42.3	$12.04
462.7	433.3	29.3	6.3	October	430.3	109.3	67.9	$02.76	42.4	$11.97
INA	INA	INA	INA	November	432.1	109.6	67.7	$08.83	42.6	$12.07

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[1]

Dayton-Springfield MSA

	Employment (in thousands)			Change[2] (in thousands)	
	November 1986[3]	October 1986[3]	November 1985[3]	From Last Month	From Last Year
TOTAL					
MANUFACTURING					
Durable Goods					
Fabricated metal products					
Machinery, except electrical					
Metalworking machinery					
General industrial machinery					
Electric and electronic equipment					
Electrical industrial apparatus					
Transportation equipment					
Nondurable Goods					
Food and kindred products					
Paper and allied products					
Printing and publishing					
Rubber and misc. plastics products					
NONMANUFACTURING					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Communications, electric, gas services					
WHOLESALE TRADE					
Wholesale trade, durable goods					
RETAIL TRADE					
General merchandise stores					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
Credit agencies other than banks					
Insurance carriers					
SERVICES					
Business services					
Health services					
Educational services					
GOVERNMENT					
Federal government					
State government					
State government education					
State government, except education					
Local government					
Local government education					
Local government, except education					

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

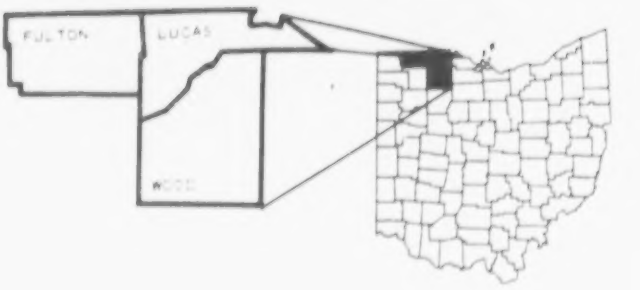
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986[c]	November 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]
MANUFACTURING	$[illegible]	$[illegible]	$[illegible]	[illegible]	[illegible]	[illegible]	$[illegible]	$[illegible]	$[illegible]
Durable Goods[d]	$[illegible]	$[illegible]	$[illegible]	[illegible]	[illegible]	[illegible]	$[illegible]	$[illegible]	$[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures, this group includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, and miscellaneous manufactures. [e]Textile mill products, apparel and other textile products. [f]Includes not shown separately. [g]Leather products. [h]Includes mining. [i]Money payments only. [j]Total number includes State Government Exclusive of agricultural research centers and the Ohio Department of Education. Depressed area and management trainees.

Selected Administrative Program Activities

	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

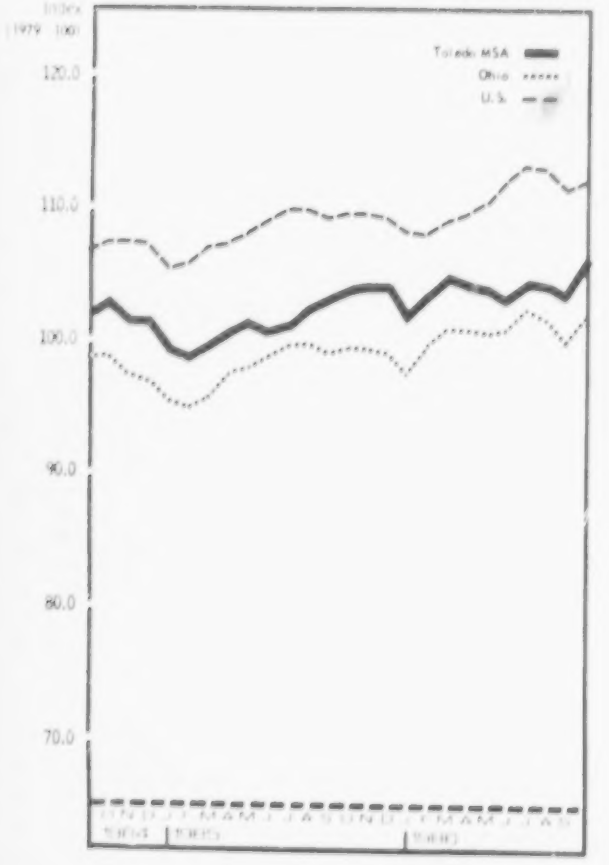
TOLEDO
METROPOLITAN STATISTICAL AREA



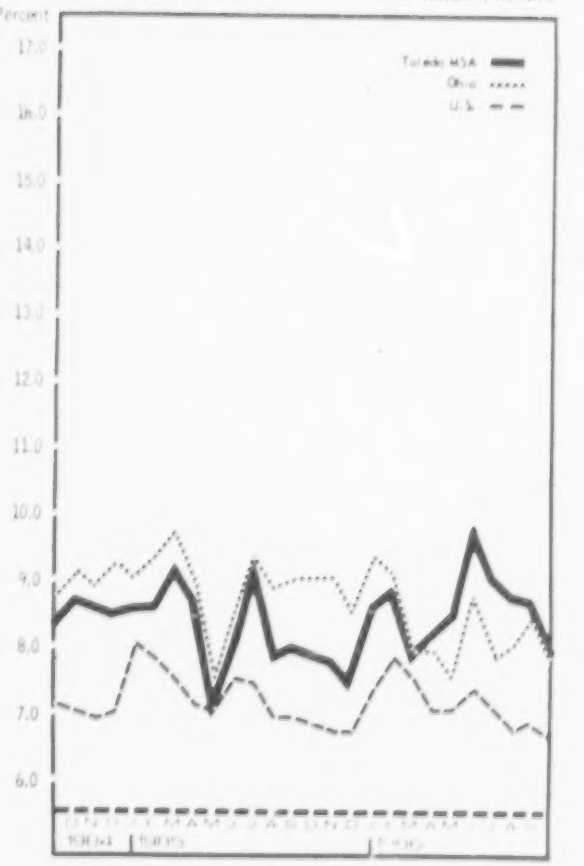
In November, Toledo's nonagricultural wage and salary employment rose 1,900, to 281,500. Nonmanufacturing employment rose 1,600, to 218,800. A large part of this increase occurred in retail trade, which rose seasonally. Manufacturing employment advanced slightly over the month. Manufacturing production workers earned an average of $12.45 per hour, down $.03 from October. Their average workweek decreased by .5 hours, to 42.1 hours.

Between November 1985 and November 1986 nonagricultural wage and salary employment rose 8,300. This increase occurred in nonmanufacturing industries, with large gains in services (+4,800) and retail trade (+3,400). Manufacturing employment declined by 3,500, with all losses occurring in durable-goods industries. The largest decline was reported in motor vehicles and equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



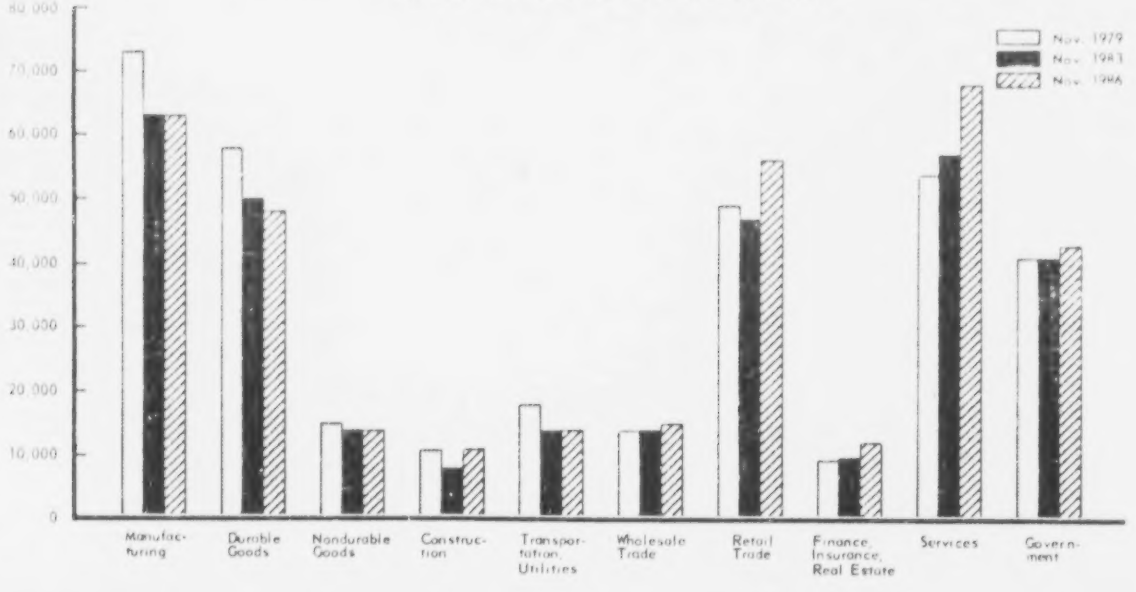
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
N/A	N/A	N/A	N/A	1975	241.3	70.3	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1976	248.1	74.5	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1977	256.3	77.3	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1978	264.7	79.3	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1979	268.7	77.4	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1980	257.1	66.4	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1981	254.7	65.0	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1982	244.4	60.7	N/A	N/A	N/A	N/A
293.0	258.1	34.1	11.6	1983	245.1	59.8	N/A	N/A	N/A	N/A
303.5	287.3	16.2	5.3	1984	257.1	64.3	48.7	$302.42	43.2	$11.61
298.5	291.1	7.4	2.5	1985	264.4	65.6	49.2	$321.85	42.8	$12.23
				1985						
301.4	293.7	7.7	2.5	October	271.7	66.8	47.0	$317.93	43.1	$12.61
301.7	293.9	7.8	2.6	November	273.2	66.7	46.8	$311.15	42.8	$12.41
300.6	293.2	7.4	2.5	December	274.2	66.7	46.7	$317.94	43.1	$12.49
				1986						
299.9	291.4	8.5	2.8	January	268.9	66.1	46.8	$312.79	42.1	$12.41
301.1	292.8	8.3	2.8	February	269.1	65.3	46.1	$310.98	42.1	$12.41
301.3	293.0	8.3	2.8	March	269.5	65.1	45.9	$309.91	42.1	$12.41
302.7	294.1	8.6	2.8	April	270.1	65.0	45.9	$310.23	42.1	$12.35
302.0	293.1	8.9	2.9	May	271.1	65.1	45.9	$309.56	42.1	$12.41
301.0	292.8	8.2	2.7	June	270.7	64.9	45.8	$309.45	42.1	$12.42
300.7	292.7	8.0	2.7	July	268.1	63.8	45.2	$309.26	42.1	$12.40
300.3	292.8	7.5	2.5	August	271.1	65.1	46.1	$310.90	42.2	$12.32
301.8	293.1	8.7	2.9	September	272.1	65.7	46.5	$309.81	42.1	$12.28
302.7	293.9	8.8	2.9	October	270.8	65.4	46.3	$311.06	42.6	$12.48
N/A	N/A	N/A	N/A	November	271.9	65.7	46.9	$309.15	42.1	$12.30

N/A = Not Available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	November 1986[b]	October 1986[c]	November 1985[c]	From Last Month	From Last Year
TOTAL					
MANUFACTURING					
Durable Goods[e]					
Stone, clay, and glass products					
Primary metal industries					
Fabricated metal products					
Metal forgings and stampings					
Machinery, except electrical					
Electric and electronic equipment					
Transportation equipment					
Motor vehicles and equipment					
Nondurable Goods[f]					
Food and kindred products					
Rubber and misc. plastics products					
NONMANUFACTURING[g]					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Trucking and warehousing					
Communication, electric, gas services					
WHOLESALE TRADE					
Wholesale trade-durable goods					
RETAIL TRADE					
General merchandise stores					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
SERVICES					
Business services					
Health services					
GOVERNMENT					
State government					
State government education					
State government, except education					
Local government					
Local government education					
Local government, except education					

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

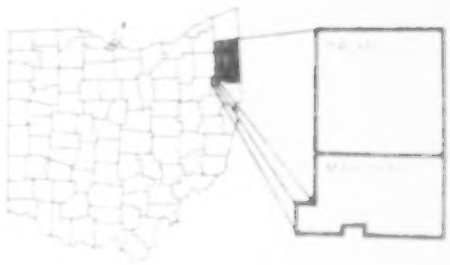
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986[c]	November 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]	Nov. 1986[b]	Oct. 1986[c]	Nov. 1985[c]
MANUFACTURING	$524.15	$531.85	$531.15	42.1	42.6	42.8	$12.45	$12.48	$12.41
Durable Goods[d]	548.21	550.82	555.84	42.3	42.6	43.1	12.96	12.93	12.89
Stone, clay, and glass products	541.80	540.86	585.38	43.0	47.2	44.8	12.60	12.52	13.08
Primary metal industries	504.24	488.42	498.61	44.0	42.2	44.4	11.46	11.57	11.23
Fabricated metal products	503.05	528.36	493.81	41.2	43.8	42.7	12.21	12.06	11.56
Metal forgings and stampings	590.04	627.59	596.29	43.1	44.7	44.4	13.69	14.04	13.43
Machinery, except electrical	473.71	484.49	461.76	41.7	43.3	41.6	11.36	11.42	11.10
Electric and electronic equipment	565.36	576.68	518.25	44.1	44.8	46.1	12.82	12.87	12.31
Transportation equipment	646.67	641.27	650.69	42.6	42.3	43.7	15.18	15.16	14.89
Motor vehicles and equipment	649.22	643.81	651.38	42.6	42.3	43.6	15.24	15.22	14.94
Nondurable Goods[d]	441.15	463.36	429.86	41.6	42.8	42.9	10.63	10.87	10.03
Food and kindred products	525.46	612.77	438.90	43.0	47.1	38.9	12.22	13.01	11.28
Rubber and misc. plastics products	324.00	323.62	317.94	42.5	40.9	39.3	8.00	7.91	8.09
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	634.35	637.29	580.19	43.3	43.5	43.0	14.65	14.65	13.87
WHOLESALE TRADE	357.55	363.02	352.09	38.4	38.0	39.4	9.31	9.29	8.93
RETAIL TRADE[e]	155.52	155.84	152.35	28.9	28.7	28.8	5.47	5.47	5.29

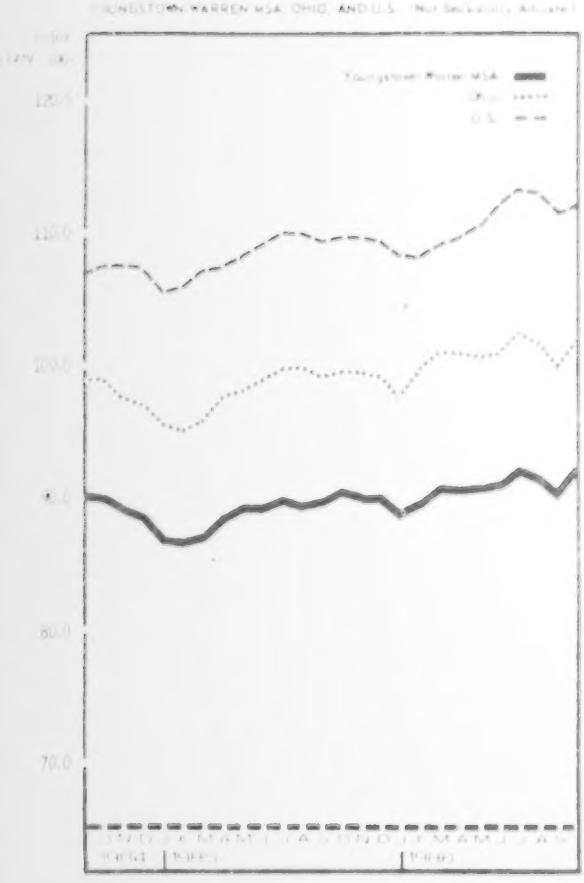
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products (except furniture); furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals; the agricultural experiment service; agricultural research centers; and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

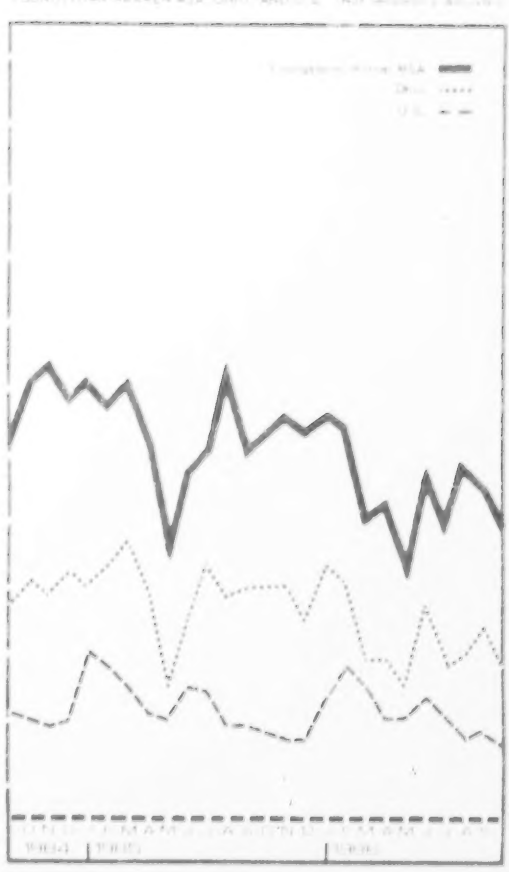
Selected Administrative Program Activities

	November 1986	October 1986	November 1985
Employment Service Program			
New Applicants	1,932	2,403	2,536
Active File of Job Seekers	21,411	24,024	27,005
Referrals to Jobs	836	1,176	2,232
Placements	399	396	1,662
Job Openings Received	500	484	1,569
Job Openings Unfilled	699	936	1,358
Unemployment Insurance Program			
Initial Claims	3,822	4,090	4,633
Continued Claims	19,[illegible]	21,824	20,358
First Payments	1,152	1,217	1,188
Last Payments	412	414	264
Weeks Compensated	15,687	18,125	15,222
Benefits Paid	$2,231,457	$2,629,836	$2,062,735
Average Weekly Payment	$148.10	$149.11	$138.86

YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA







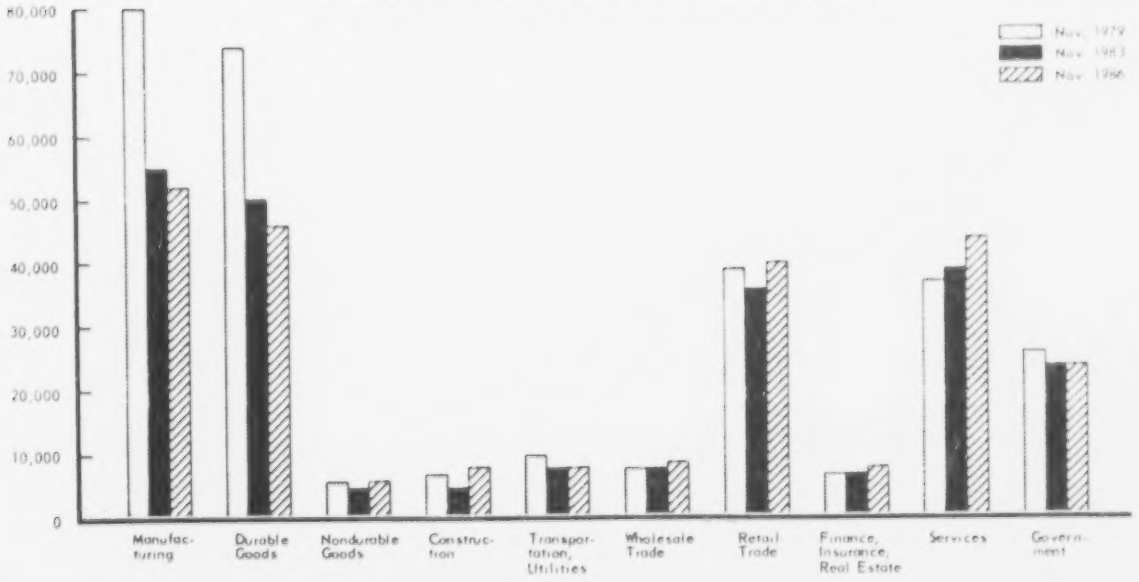
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.8	11.4	1975	200.7	80.8	61.3	$246.85	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	81.6	61.3	277.29	38.6	7.02
234.8	215.0	19.8	8.1	1977	208.0	81.1	61.6	313.91	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.9	353.46	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	75.8	56.1	385.77	39.3	9.82
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	426.10	41.0	10.40
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	38.6	471.20	40.1	11.75
222.2	195.9	26.2	11.8	1984	182.5	56.1	41.4	485.39	41.3	11.76
220.1	195.2	24.9	11.3	1985	183.3	57.5	39.8	509.64	42.1	12.11
				1985						
224.0	198.8	25.4	11.3	October	187.8	51.3	40.0	580.63	44.4	13.08
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.62	44.6	13.45
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.8	39.5	574.01	43.1	13.32
222.1	196.9	25.2	11.4	February	181.2	51.8	38.7	570.12	42.9	13.31
221.6	199.5	22.1	10.0	March	184.5	51.6	38.8	561.61	41.8	13.34
221.8	198.9	22.9	10.3	April	187.0	51.4	38.3	562.93	41.1	13.75
219.5	199.4	20.1	9.2	May	190.1	51.9	38.8	533.79	40.5	13.18
224.2	200.1	24.1	10.8	June	190.9	51.8	38.7	538.97	41.0	13.17
224.8	202.6	22.2	9.9	July	188.8	51.2	38.2	543.43	41.1	13.23
225.4	200.8	24.7	10.9	August	188.6	51.3	38.3	541.03	41.3	13.10
221.8	198.4	23.4	10.5	September	192.4	52.1	39.2	557.69	41.9	13.31
225.1	202.9	22.2	9.9	October	191.0	52.1	39.3	544.75	41.3	13.19
NA	NA	NA	NA	November	192.8	51.9	39.1	558.43	41.9	13.33

NA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[a] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	192.8	193.0	187.7	-.1	5.1
MANUFACTURING	51.3	52.1	50.7	-.8	.6
Durable Goods[d]	46.2	46.3	47.3	-.1	-1.1
Primary metal industries	23.2	23.4	23.5	-.2	-.3
Blast furnace and basic steel products	6.8	6.8	6.7	.0	.1
Fabricated metal products	7.8	7.8	7.7	.0	.1
Machinery, except electrical	3.1	3.2	3.4	-.1	-.3
Electric and electronic equipment	2.5	2.5	2.5	.0	.0
Transportation equipment	8.8	8.8	8.7	.0	.1
Nondurable Goods	5.1	5.8	5.4	-.7	-.3
NONMANUFACTURING	141.5	140.9	139.7	.6	1.8
CONSTRUCTION	7.7	8.2	7.7	-.5	.0
TRANSPORTATION AND PUBLIC UTILITIES	8.0	8.2	7.8	-.2	.2
Communication, electric, gas services	3.2	3.2	3.2	.0	.0
WHOLESALE TRADE	9.2	9.2	9.1	.0	.1
Wholesale trade-durable goods	6.0	6.1	6.1	-.1	-.1
RETAIL TRADE	39.0	38.9	38.1	.1	.9
General merchandise stores	5.1	5.0	5.0	.1	.1
FINANCE, INSURANCE AND REAL ESTATE	7.3	7.3	7.4	.0	-.1
Banking	2.8	2.8	2.8	.0	.0
SERVICES	47.8	44.6	47.7	3.2	.1
Health services	18.4	18.4	17.9	.0	.5
GOVERNMENT	24.1	23.8	23.8	.3	.3
State government	4.1	3.7	4.1	.4	.0
State government education	2.7	2.3	2.7	.4	.0
State government, except education	1.4	1.4	1.4	.0	.0
Local government	18.0	17.9	17.7	.1	.3
Local government education	11.5	11.4	11.4	.1	.1
Local government, except education	6.5	6.5	6.3	.0	.2

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1986[b]	October 1986[r]	November 1985[r]	Nov. 1986[r]	Oct. 1986[r]	Nov. 1985[r]	Nov. 1986[b]	Oct. 1986[r]	Nov. 1985[r]
MANUFACTURING	$558.43	$544.75	$599.42	41.9[r]	41.3	44.9	$13.28	$13.19	$13.47
Durable Goods[c]	576.03	561.87	620.49	42.2	41.5	44.8	13.65	13.58	13.85
Primary metal industries	532.24	585.27	573.48	41.3	40.7	43.6	14.34	14.38	14.16
Blast furnace and basic steel products	534.98	625.19	487.98	42.7	42.1	36.2	14.87	14.85	13.48
Fabricated metal products	568.25	525.29	598.61	42.1	40.8	43.5	13.45	12.87	13.86
Machinery, except electrical	472.82	456.84	498.86	40.3	40.5	42.6	11.66	11.28	11.71
Electric and electronic equipment	431.60	424.79	413.29	40.2	39.7	40.4	10.78	10.70	10.23
Transportation equipment	862.37	865.58	890.70	45.1	44.7	47.1	14.88	14.89	15.60
Nondurable Goods	373.45	366.21	373.10	39.2	39.0	41.2	9.55	9.45	9.10
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.85	544.49	536.13	40.8	40.8	41.4	13.42	13.41	12.98
WHOLESALE TRADE	327.49	333.67	322.88	37.3	38.2	37.8	8.78	8.74	8.61
RETAIL TRADE[r]	170.13	169.17	161.84	29.3	29.6	28.8	5.83	5.88	5.80

[a]See Technical Notes for concepts [b]Preliminary [r]Revised [c]Based on unrounded figures [d]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, instruments and related products, miscellaneous manufacturing [e]Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and miscellaneous plastics products, leather and leather products [f]Includes mining, finance, payments only, not for included [g]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [h]Depressed due to apparel management issues

Selected Administrative Program Activities

	November 1986	October 1986	November 1985
Employment Service Program			
New Applicants	1,851	2,439	2,452
Active File of Job Seekers	30,211	30,537	32,355
Referrals to Jobs	1,174	1,473	2,582
Placements	383	638	1,038
Job Openings Received	474	715	1,222
Job Openings Unfilled	483	481	441
Unemployment Insurance Program			
Initial Claims	6,129	5,057	5,392
Continued Claims	21,451	21,981	25,440
First Payments	1,296	1,234	1,874
Last Payments	271	343	370
Weeks Compensated	17,652	18,890	20,963
Benefits Paid	$2,479,656	$2,618,189	$3,128,076
Average Weekly Payment	$145.74	$144.06	$153.43

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from a sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry, on basis of their principal product or service. The Standard Industrial Classification Manual, (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977), used for classification.

Coverage.—Monthly reports on employment and, for most industries, payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	41
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contributor reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division and Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For method, see January 1981 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day period which includes 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production and nonsupervisory workers (NSW) and hours (for which average hours and earnings data are derived) follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers, including group leaders and trainees, engaged in fabricating, processing, assembling, inspecting, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (non-supervisory working supervisors) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind excluded.

Hours.—Represents hours worked or paid for during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	November 1988	October 1988	November 1987
New Applicants			
Active File of Job Seekers			
Counseling Interviews			
Tests Administered			
General Aptitude Tests			
Proficiency Tests			
Specific Aptitude Tests			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			

Selected Unemployment Insurance Activities

	November 1988	October 1988	November 1987
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Average Weekly Claimants			
Average Weekly Benefit Recipients			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			
Continued Claims for Survey Week			
Insured Unemployment Rate			
Net Contributions			
Active Employer Accounts			

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Simmers, Director, Labor Market Information Division at (614) 387-2345.

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